

PA. 3  
C. 2

DEC 18 1964

36

## BULLETIN—PENNSYLVANIA DEPARTMENT OF AGRICULTURE

Vol. 47

1964

No. 1



## Directory of Information

General Bulletin 700

Commonwealth of Pennsylvania  
William W. Scranton, Governor

Department of Agriculture  
Leland H. Bull, Secretary

DOCUMENTS SECTION

**Directory of Officials**  
**COMMONWEALTH OF PENNSYLVANIA**  
**DEPARTMENT OF AGRICULTURE**

LELAND H. BULL, *Secretary*  
JACK R. GREY, *Deputy Secretary*

**Bureau of Animal Industry**

DR. JOHN C. SHOOK, Director  
DR. PALACE H. SEITZ, Chief, Animal Disease Diagnostic Laboratory  
DR. RICHARD C. GUISE, Chief, Division of Brucellosis  
DR. DAVID S. INGRAHAM, Chief, Division of Tuberculosis  
DR. GEORGE H. ZACHERLE, JR., Chief, Division of Meat Hygiene  
DR. J. HUBLEY SCHALL, Chief, Division of Miscellaneous Diseases  
WALTER H. MILLER, Acting Chief, Division of Dog Law Enforcement

**Bureau of Foods and Chemistry**

DELMAR K. MYERS, Director  
DR. HOWARD K. JOHNSTON, Chief, Division of Milk Sanitation

**Bureau of Markets**

CLARENCE W. FUNK, Director  
EDWARD J. LAWLESS, JR., Chief, Division of Poultry and Eggs  
CLYDE MILLER, Chief, Division of Fruits and Vegetables  
JOHN ZIMMERMAN, Acting Chief, Division of Livestock and Dairy  
JOHN W. EARLY, Acting Chief, Division of Market Development

**Bureau of Plant Industry**

HENRY F. NIXON, Director  
FINLEY B. NEGLEY, Nursery Inspection  
GEORGE B. SLEESMAN and ARTHUR JEFFERY, Entomologists  
WENDELL P. DITMER, Botanist  
WILLIAM L. YOUNT, Plant Pathologist  
C. F. CAMPBELL, Seed Certification

**State Soil and Water Conservation Commission**

CHARLES F. HESS, Director

**State Farm Products Show Commission**

HORACE L. MANN, Farm Show Director

**State Harness Racing Commission**

MAJOR RALPH D. GARDNER, Executive Secretary

**Pennsylvania Crop Reporting Service**

DEWEY O. BOSTER, Agricultural Statistician-in-Charge

**Southwestern District Office**

CHARLES A. KOESTER, District Manager, RD 1, Evans City

**Northeastern District Office**

ALLEN F. SCHMOLL, District Manager, 69 Putnam Street, Tunkhannock

**North Central District Office**

MERRILL S. BRODRICK, District Manager, RD 1, Linden

**Southeastern District Office**

MORRIS S. HUNTZINGER, District Manager, 711 West Main Street, Lansdale

## Table of Contents

Subject	Page
A Growing Challenge .....	4
Bureau of Animal Industry .....	5
Bureau of Foods & Chemistry .....	6
Bureau of Markets .....	7
Bureau of Plant Industry .....	8
Farm Show Commission .....	9
Soil and Water Conservation Commission .....	10
State Harness Racing Commission .....	11
Pennsylvania Crop Reporting Service .....	11
Pennsylvania Agricultural Organizations .....	12
Allied Agricultural Organizations .....	14
County Soil and Water Conservation District Secretaries ....	15
Breed Associations .....	16
County Agricultural Organizations .....	19
Agricultural Magazines and Trade Journals Published in Pennsylvania .....	34
Pennsylvania History, Topography and Climate .....	35
Pennsylvania Department of Agriculture Motion Pictures ..	36
Pennsylvania Department of Agriculture Bulletins .....	36
Pennsylvania State University Bulletins .....	37
U.S. Department of Agriculture Bulletins .....	43

---

Central offices of all Bureaus and Commissions are located in the Department of Agriculture Building, 2301 North Cameron Street, Harrisburg. The Farm Show office is on the second floor, front, of the Farm Show Building, Cameron and Maclay Streets, Harrisburg.

# A *Growing Challenge*



Agriculture in Pennsylvania faces a new challenge. It is the heart of a growing center of population and, in the years ahead, must be prepared to feed many more people whose tastes and appetites change as fast, sometimes, as the weather.

The trend is obvious. It took almost 400 years for this nation's population to reach its present level of 190,000,000. But the number is expected to double in the next 30 to 35 years.

Think of it! Before this century ends, there will be twice as many people in the United States to feed, clothe and shelter. A large part of this population will be concentrated here in the East.

It will mean many more markets to satisfy and twice as much need for the products of our farms.

Meeting this demand will be a job—not for agriculture alone, but for Agribusiness, a complex of industries engaged in producing, processing and distributing food and fiber that springs from the soil.

This 1964 Directory of Information is indicative of the new trend. It lists for your convenience the many organizations and services that are closely related in the growing field of Agribusiness, Pennsylvania's major industry.

L. H. Bull  
Secretary of Agriculture

# Bureau of Animal Industry

The Bureau of Animal Industry is responsible for initiating and carrying out programs for the prevention, control and eradication of transmissible diseases of livestock and poultry.

The primary concern is to safeguard livestock—the stabilizing factor in Pennsylvania's agricultural economy—and protect the large investment in the livestock and poultry industries.

Successful programs to stamp out diseases that threaten economic loss also serve to encourage expansion of the livestock industry. This is an important consideration since Pennsylvania is a meat deficient state and there is, therefore, an opportunity for increased livestock production here.

Effective methods have been employed to eradicate sheep scabies, vesicular exanthema, contagious pleuropneumonia and foot and mouth disease. The incidence of other major livestock diseases are on the down trend.

A statewide program is being launched to eradicate hog cholera in Pennsylvania, and extensive testing programs are being continued to curb tuberculosis and brucellosis.

A target date of 1975 has been established for complete eradication of brucellosis in all species.

*Dipping sheep in  
Pennsylvania's  
successful scabies  
control program.*





Bureau of

# Foods and Chemistry

When you buy food and beverages at your local grocery store, you have a right to expect them to be tasty, wholesome, of good quality, nutritious, and prepared under sanitary conditions.

The Bureau of Foods and Chemistry is on the job to make certain the foods you buy: (1) Will not cause illness, (2) Will not contain foreign matter, (3) Will not be an economic cheat.

Most of the violations for which processors and retailers are cited are either accidental or of an economic nature, rather than instances of deliberate adulteration.

In buying his raw materials, such as animal feed, lime, and fertilizer for producing food and fiber, the farmer depends on the guarantee of the manufacturer. Nearly 20,000 individual laboratory tests are made annually by the Feed and Fertilizer Division to check these guarantees.

In addition to the General Food Law, the Bureau enforces specific laws relating to ice cream, bakery products, sausage, oleomargarine, soft drinks, animal feed, fertilizer, pesticides, and lime. Many of these laws require registration and licensing. The Bureau issues approximately 35,000 licenses, permits, and certificates of registration each year.

The Division of Milk Sanitation annually issues more than 3,000 permits to dairies in Pennsylvania and adjacent states which sell milk in Pennsylvania. These plants are inspected regularly by the Bureau. Employees of dairies are certified to inspect dairy farms to see that cows and milk are being handled in a manner to insure rigid standards of quality.

Samples of food, animal feed, fertilizer, and agricultural limestone are collected by agents of the Bureau throughout the state for analysis in the Bureau's laboratory. New laboratory facilities will be available by late summer, 1964, in the new Pennsylvania Department of Agriculture Building opposite the Farm Show Building. The new facilities will include modern equipment for the chemical analysis of food, feed, fertilizer, and liming materials and a special laboratory devoted to the bacteriological examination of milk, ice cream, and other dairy products.

## Bureau of

# Markets

The Bureau of Markets, as the name implies, is primarily concerned with developing plans and programs to assist in the orderly and effective marketing of Pennsylvania farm products. In carrying out this function, the Bureau provides a broad range of services that include:

1. Providing counsel and assistance to farmer, processing and distribution organizations and individuals.
2. Compiling and distributing timely information on the supply, demand, movement and prevailing prices of farm products.
3. Assisting in the coordination of efforts of various commodity marketing groups.

The Bureau also is responsible for enforcing rules and regulations pertaining to the grading and inspection of farm products and services. Essentially, this phase of the Bureau's activity is directed toward assuring consumers consistent high quality in the food they buy. Quality guides are provided farmers, processors and distributors, and standards are maintained for grading and certification of various farm products, including livestock and poultry.

The Bureau is responsible for enforcing the State fresh egg law; the marking laws for potatoes, apples, peaches, pears and grapes; and the law pertaining to filing of reports by farmer cooperatives.

Other functions include: Licensing produce dealers; operation and inspection of the National Poultry Improvement Plan and the National Turkey Improvement Plan; operation and official compilation of data in the Pennsylvania egg laying test.

In addition, the Bureau of Markets is responsible for administration of the disbursement of state and local fair funds.





**Bureau of**  
**Plant Industry**

Agricultural and vegetable seeds offered for sale on the market are checked by the Bureau of Plant Industry for purity and germination and also for the presence of weed seeds. The Pennsylvania Seed Act further requires proper labeling of seed offered for sale.

Recent increases in acreage yield of grain crops and potatoes are due partly to the availability of superior crop seeds furnished through the seed certification service of this Bureau.

All of the nurseries of the state are inspected each year and those free of plant pests are officially certified by the state. Where pests are found, prompt treatment for their control is a requirement for certification. This insures that purchasers of Pennsylvania grown stock will get good, vigorous ornamental or fruit plants.

Statewide surveys are made to determine the presence or abundance of plant pests known to exist in the state such as stem rust; Japanese beetle; oak wilt disease; gypsy moth; Eastern tent caterpillar and fall web worms. Surveys are also made for pests of potential economic importance, but not known to exist in Pennsylvania, such as the cereal leaf beetle and the European chafer.

The result of survey programs set in motion control measures where plant pest infestations are of sufficient severity to warrant the action. A state quarantine area may be established until the pest is brought under control. If the pest gets out of control, the state quarantine may be dropped and a federal quarantine established as was the case with the Japanese beetle quarantine many years ago.

All known colonies of bees are inspected as an aid to beekeepers in the control of the devastating brood diseases. Colonies found with diseases are ordered treated or destroyed. The incidence of foulbrood has been reduced to less than 2 per cent.

# State Farm Show

The broad picture of Pennsylvania agriculture is portrayed annually in an exhibition that has gained world-wide recognition, the Pennsylvania State Farm Show. This recognition is evident in the increasing number of foreign visitors among record throngs that "come to the show" each year.

In addition to products of the soil and handicrafts of the home, the Farm Show has become a display case for agricultural equipment and machinery on a scale that amazes visitors. In recent years it also has emphasized the close relationship of agriculture to many other basic industries in Pennsylvania's growing Agribusiness economy.

The Farm Show is conducted by the Pennsylvania State Farm Products Show Commission. Serving the Commission in an advisory capacity is the Farm Show Committee that is made up of representatives of 56 different farm organizations.

Attendance, climbing steadily over the years, reached an all-time high of 690,000 in 1963. It was a different story, however, in 1964. Eighteen inches of snow fell on opening day—more than the total amount in any previous Farm Show week. The storm blocked roads, crippled transportation services, and kept attendance extremely low during the fore part of the week.

The Farm Show Building, with its spacious exhibit area and large and small arenas, is becoming a center for many diversified activities. Increased use of the building for athletic events has helped swell total annual attendance well beyond the million mark.

A new event for 1964 is the Pennsylvania All-American Dairy Show scheduled for Sept. 14 to 17. The Pennsylvania Livestock Exposition will be held from Nov. 9 to 13, and the 1965 Pennsylvania State Farm Show from Jan. 11 to 15.





# Soil and Water Conservation Commission

The Secretary of Agriculture, by virtue of his office, is chairman of the State Soil and Water Conservation Commission.

The Commission's work is largely educational, explaining the purpose and operation of soil and water conservation districts by the use of literature, articles, slide talks, films and other media. It encourages the formation of new districts, a job which is nearly completed and helps county commissioners organize them once created by resolution. Districts are currently developing long-range land use programs to promote the wise use of Pennsylvania's natural resources. Clerical aid, funds and other assistance are furnished Pennsylvania's 62 soil and water conservation districts now organized.

Of special interest to the urban and rural dwellers is a 25-minute 16 mm. color film, entitled, "Beyond Tomorrow," portraying the accomplishments of Pennsylvania's soil and water conservation districts. A new film "A Plan for Penn's Land" tells the need and use of soil surveys. These are available for showings without charge through the State Soil and Water Conservation Commission.

Special activities of the Commission include the administration of the state appropriation for the cooperative federal-state soil survey program and support of research with the U. S. Geological Survey to measure the effects of conservation on stream flow and siltation. The Commission acts as the Governor's representative in approving small watershed flood prevention programs under U. S. Public Law 566 and Resource Conservation and Development Projects administered by U.S.D.A.

Steady progress in all areas of the Pennsylvania conservation program has been noted by the Commission. Pennsylvania has a long history marked by good farming practices. Farmers in the commonwealth were among the first to recognize the need for fertilizers, water control and other similar practices designed to stop erosion and maintain the productivity of Pennsylvania's soils.

It is the policy of the Commission to assist local private watershed organizations wherever possible. Applications for assistance under the Watershed Protection and Flood Prevention Act (U. S. Public Law 566) are checked by Commission staff members.

# Crop Reporting Service

The Pennsylvania Crop Reporting Service is a cooperative operation of the Pennsylvania Department of Agriculture and the Statistical Reporting Service of the U. S. Department of Agriculture. Its primary function and responsibility is to serve as the fact finding and research agency for both departments.

It is responsible for collecting, analyzing and disseminating agricultural facts for and within the Commonwealth. In addition, the Crop Reporting Service conducts special surveys on production and marketing practices.

Current as well as historic agricultural statistics are essential to many well managed business enterprises. They are useful to farmers, manufacturers, transportation companies, processors, storage facilities operators, research workers and many other allied agricultural interests.

Approximately 15,000 volunteer farm operators serve as the backbone of this agency by supplying timely information from the farm front. Also important is the cooperation given by handlers of farm products, dealers in farm services and supplies, marketing and processing firms, banks and general businesses. With the assistance of all these segments of the agricultural economy, accurate and up-to-date information is readily available on a statewide as well as on a county basis.

# Harness Racing Commission

The State Harness Racing Commission has general jurisdiction over Pennsylvania's newest sports activity, pari-mutuel harness racing. It is responsible for licensing corporations, associations and all persons who conduct or participate in harness racing with pari-mutuel wagering.

In the first season of pari-mutuel harness racing in Pennsylvania, in 1963, more than a million people attended three meetings at two tracks with a total of 150 days of racing. The meets were acclaimed for the high quality of racing provided. Several world records were set and many photo finishes attested to the evenly matched contests. The Pennsylvania program also gained recognition for its efficient security measures.

An innovation in racing circles was the introduction of an all-weather track surface at The Meadows in Washington County. The synthetic material is unaffected by weather and permits racing under all conditions.

Indicative of the high calibre of racing was the fact that nine of the first ten horses nominated for the annual "Horse of the Year" award raced in Pennsylvania in 1963. The tenth was not entered because of an oversight.

## PENNSYLVANIA AGRICULTURAL ORGANIZATIONS

(With name and address of *Secretary* or *Manager*)

ATLANTIC BREEDERS COOPERATIVE—David J. Yoder, Harrisburg Pike, Box 254, Lancaster

\*COOPERATIVE G. L. F. EXCHANGE, INC.—R. B. Gervan, G. L. F. Building, Ithaca, N. Y.

COUNTRY BELLE COOPERATIVE FARMERS—Wendell J. Smith, Butler RD 4

DAIRYMEN'S COOPERATIVE SALES ASSN.—Homer H. Martz, 451 Century Bldg., Pittsburgh 22

DAIRYMEN'S LEAGUE COOPERATIVE ASSN., INC.—Lester W. Martin, Milford, N. Y.

EASTERN MILK PRODUCER'S COOPERATIVE ASSN., INC.—John C. York, Kinne Rd., Syracuse, N. Y.

EASTERN PENNSYLVANIA PORK PRODUCERS ASSN.—Wellington A. Heister, Sr., Fleetwood RD 3

\*EASTERN STATES FARMERS EXCHANGE, INC.—W. D. Milsop, West Springfield, Massachusetts (Gen. Mgr.)

FUTURE FARMERS OF AMERICA—Robert Wenger, Quarryville RD 1

FUTURE HOMEMAKERS OF AMERICA—Rosemary E. Witmer, 12 Cherry St., Pine Grove

INTER-STATE MILK PRODUCERS' COOPERATIVE—Clara Gallagher, 401 N. Broad St., Philadelphia

MUSHROOM GROWERS COOPERATIVE ASSN. OF PENNSYLVANIA—Anthony Citino, Box 375, Kennett Square

PENNSYLVANIA AGRICULTURAL MARKETING COOPERATIVE—Hollis A. Hatfield, 21st & Chestnut Sts., Camp Hill

PENNSYLVANIA ANGUS ASSN., INC.—Gilbert S. Watts, Box 146, Bellwood

PENNSYLVANIA ASSN. OF ARTIFICIAL BREEDING COOPERATIVES—J. Lewis Williams, 25 Ridgeview Dr., Uniontown

PENNSYLVANIA ASSN. OF FARMER COOPERATIVES—Edward B. Vansant, Jr., 103 E. Beaver Ave., State College

PENNSYLVANIA ASSN. OF SOIL AND WATER CONSERVATION DISTRICT DIRECTORS—Mrs. Sophie Ludwig, Box 191, Milford

PENNSYLVANIA AYRSHIRE BREEDERS ASSN.—John Reed Rodgers, Belleville RD 1

PENNSYLVANIA BERKSHIRE BREEDERS ASSN.—Robert Hubler, Lewisburg RD 1

PENNSYLVANIA CHESTER WHITE SWINE BREEDERS ASSN.—J. Harold Little, 1009 York St., Hanover

PENNSYLVANIA CHRISTMAS TREE GROWERS ASSN.—A. Roger Tobias, Pine Grove RD 3

PENNSYLVANIA COOPERATIVE POTATO GROWERS, INC.—Leon Epler, 670 Division St., Harrisburg

PENNSYLVANIA COOPERATIVE SWINE BREEDERS ASSN.—George E. Cogley, Ronks RD 1

PENNSYLVANIA CORRIE DALE BREEDERS ASSN.—Aldo Mazero, Box 342, Herminie

PENNSYLVANIA CROP IMPROVEMENT ASSN., INC.—B. L. Seem, Emmaus

PENNSYLVANIA DAIRY & ALLIED INDUSTRIES ASSN.—Harold R. McCulloch, 103 Armsby Bldg., University Park

PENNSYLVANIA DAIRY AND LIVESTOCK HEALTH COMMITTEE—J. Philip Stover, Bellefonte RD 2

PENNSYLVANIA DAIRY FEDERATION—Robert C. McKinley, 234 S. 22nd St., Philadelphia

PENNSYLVANIA DAIRY GOAT ASSN.—Mrs. Elva May Wicks, 5291 Richland Rd., Gibsonia

PENNSYLVANIA DAIRYMEN'S ASSN.—Charles E. Cowan, 2025 Bloomingdale Ave., Lancaster

PENNSYLVANIA DUROC SWINE BREEDERS ASSN.—Clyde W. McConaughey, Smicksburg

PENNSYLVANIA EGG MARKETING ASSN.—E. J. Lawless, Jr., 4208B Sussex Dr., Colonial Park, Harrisburg

\* Organizations merge July 1, 1964. The new name is Agway, Inc.—E. H. Fallon, Syracuse, N. Y.

PENNSYLVANIA FARM BUREAU COOPERATIVE ASSN.—Robert Leslie, Box 125, Sarver  
PENNSYLVANIA FARM BUREAU FEDERATION—Robert Leslie, Box 125, Sarver  
PENNSYLVANIA FARM BUREAU MARKETING COOPERATIVE—Earl Brown, Klingerstown RD 1  
PENNSYLVANIA FARMERS ASSN.—Hollis A. Hatfield, 21st and Chestnut Sts., Camp Hill  
PENNSYLVANIA FLOWER GROWERS—Howard G. Krupp, 50 N. Main St., Chalfont  
PENNSYLVANIA FLYING FARMERS ASSN.—Lucille Zettlemoyer, Kutztown RD 2  
PENNSYLVANIA FOUNDATION SEED COOPERATIVE—Floyd Imes, Pa. Farm Bureau Co-op., Manheim  
PENNSYLVANIA FRUIT MARKETING COOPERATIVE, INC.—Ralph W. Tyson, Gardners  
PENNSYLVANIA GUERNSEY BREEDERS ASSN.—William H. Juzi, Bus. Mgr., P.O. Box 458, Camp Hill  
PENNSYLVANIA HAMPSHIRE SHEEP ASSN., INC.—Margaret B. Harbster, Manatawny  
PENNSYLVANIA HAMPSHIRE SWINE BREEDERS ASSN.—Ralph Dietz, Palmyra  
PENNSYLVANIA HEREFORD BREEDERS ASSN.—Leroy C. Nailor, Jr., Dillsburg RD 3  
PENNSYLVANIA HEREFORD SWINE ASSN.—Carroll F. Hunt, Stewartstown  
PENNSYLVANIA HOLSTEIN ASSN., INC.—William C. Nichol, 839 Benner Pike, State College  
PENNSYLVANIA HORSE AND MULE ASSN.—William S. Cruikshank, Valencia RD 2  
PENNSYLVANIA HORSE BREEDERS ASSN.—F. Eugene Dixon, Jr., 514 Land Title Bldg., Philadelphia 10  
PENNSYLVANIA HORTICULTURAL COUNCIL—Herman Hellburg, Chalfont  
PENNSYLVANIA JERSEY CATTLE CLUB, INC.—Mrs. Jacob M. Brunges, Tunkhannock  
PENNSYLVANIA LANDRACE SWINE BREEDERS ASSN.—James Z. Martin, Christiana RD 1  
PENNSYLVANIA LIVESTOCK & ALLIED INDUSTRIES ASSN., INC.—Spencer G. Nauman, Jr., P.O. Box 361, Harrisburg  
PENNSYLVANIA MILKING SHORTHORN SOCIETY—Donald G. Means, Shippensburg, Star Rt. 2  
PENNSYLVANIA NURSERYMEN'S ASSN.—Wilbur I. Nisley, Harrisburg RD 1  
PENNSYLVANIA NUT GROWERS ASSN.—George G. Weber, 748 S. Queen St., York  
PENNSYLVANIA POLAND CHINA BREEDERS ASSN.—Lawrence L. Showers, Milton RD 2  
PENNSYLVANIA POLLED HEREFORD ASSN.—Rev. Anselm Orlosky, Holy Trinity Monastery, Butler RD 4  
PENNSYLVANIA POULTRY FEDERATION—Mrs. Phylis S. Bethards, 2430 N. 2nd St., Harrisburg  
PENNSYLVANIA PUREBRED DAIRY CATTLE ASSN.—William H. Juzi, P.O. Box 458, Camp Hill  
PENNSYLVANIA RAW MILK PRODUCER-DISTRIBUTORS' ASSN.—Mrs. J. Louis Baker, Beallsville  
PENNSYLVANIA RED CHERRY GROWERS ASSN.—Harold Garretson, Aspers RD 1  
PENNSYLVANIA RETAIL FLORISTS—Harold J. Fishbein, P. O. Box 876, State College  
PENNSYLVANIA RURAL SAFETY COUNCIL—O. W. Rittenhouse, 1604 N. 2nd St., Harrisburg  
PENNSYLVANIA SHEEP AND WOOL GROWERS ASSN.—Stan Gates, Lafayette Hill  
PENNSYLVANIA SHORTHORN BREEDERS ASSN.—Fred E. Smalstig, 10 Sherman St., Pittsburgh 9  
PENNSYLVANIA SPOTTED POLAND CHINA BREEDERS ASSN.—C. Warren Leininger, Denver RD 2  
PENNSYLVANIA STATE BEEKEEPERS ASSN.—Robert Crimbring, Canton RD 1  
PENNSYLVANIA STATE BROWN SWISS ASSN.—A. L. Morrison, Jr., 437 Duquesne Dr., Pittsburgh  
PENNSYLVANIA STATE GRANGE—O. W. Rittenhouse, 1604 N. 2nd St., Harrisburg  
PENNSYLVANIA STATE MAPLE PRODUCERS COUNCIL—Robert McConnell, Coudersport  
PENNSYLVANIA STATE UNIVERSITY AGRICULTURAL ADVISORY COUNCIL—Jack R. Grey, 118 South Office Bldg., Harrisburg  
PENNSYLVANIA SUFFOLK SHEEP ASSN.—George V. Hunter, Stoneboro RD 2

PENNSYLVANIA VEGETABLE GROWERS ASSN.—Rudy Grob, 2063 Stone Mill Rd.,  
Lancaster  
PENNSYLVANIA YORKSHIRE CLUB—George E. Cogley, Ronks RD 1  
PENNSYLVANIA YOUNG FARMERS ASSN.—Paul B. Kline, Lititz RD 3  
PHILADELPHIA SOCIETY FOR PROMOTING AGRICULTURE—William H. White, 220  
S. 16th St., Philadelphia 2  
SOCIETY OF FARM WOMEN OF PENNSYLVANIA—Mrs. LeRoy Bruce, Kennett Square  
RD 1  
STATE COUNCIL OF FARM ORGANIZATIONS—O. W. Rittenhouse, 1604 N. 2nd St.,  
Harrisburg  
STATE HORTICULTURAL ASSN. OF PENNSYLVANIA—Earl W. Strite, 1000 Strite Rd.,  
Harrisburg  
TURKEY DIVISION, PENNSYLVANIA POULTRY FEDERATION—Andrew Ludwig, Ephrata  
RD 1

## ALLIED ORGANIZATIONS

ATLANTIC DAIRY ASSN.—Clara Gallagher, 401 N. Broad St., Philadelphia  
DAIRY COUNCIL, INC. OF PHILADELPHIA—Robert C. McKinley, 234 S. 22nd St.,  
Philadelphia (Pres.)  
ENTOMOLOGICAL SOCIETY OF PENNSYLVANIA—E. J. Udine, 204 Agr. Education  
Bldg., University Park  
KEYSTONE BOTTLERS ASSN.—Asa L. Day, 264 Carey Ave., Wilkes-Barre  
KEYSTONE CHAPTER, SOIL CONSERVATION SOCIETY OF AMERICA—Jack C. Davis,  
710 Eastmont Dr., Greensburg  
PENNSYLVANIA AGRICULTURAL REPORTERS ASSN.—George A. Van Horn, 4 Armsby  
Bldg., University Park  
PENNSYLVANIA APPROVED DAIRY LABORATORY DIRECTORS ASSN.—Dr. J. Frank  
Cone, Borland Laboratory, University Park  
PENNSYLVANIA ASSN. OF MILK DEALERS—Henry R. Geisinger, 303 Telegraph  
Bldg., Harrisburg (Exec. Vice Pres.)  
PENNSYLVANIA BAKERS ASSN.—Theo. Staab, 600 N. 3rd St., Harrisburg  
PENNSYLVANIA CANNERS AND FOOD PROCESSORS ASSN.—Miss R. M. Mears, 25  
N. Duke St., York  
PENNSYLVANIA CHAIN STORE COUNCIL—John F. McNeilis, Jr., 619 Penn Square  
Bldg., Philadelphia 7  
PENNSYLVANIA COUNTY AGENTS ASSN.—Lyle A. Carter, 285 Jefferson Ave.,  
Washington  
PENNSYLVANIA FARMERS MILK JUGGING ASSN., INC.—Robert Holdson, West  
Springfield  
PENNSYLVANIA FOOD MERCHANTS ASSN.—Albert P. Vicks, Box 1144, Erie (Ex.  
Dir.)  
PENNSYLVANIA FUR BREEDERS ASSN.—Mrs. Louise K. Westrick, 1024 Menoher  
Blvd., Johnstown  
PENNSYLVANIA GRASSLAND COUNCIL—Charles M. Wolgemuth, Milton Hershey  
Farms, Hershey  
PENNSYLVANIA GROCERS ASSN.—William A. Hubbs, Jr., 3701 N. Broad St., Phila-  
delphia 40  
PENNSYLVANIA HOME DEMONSTRATION AGENTS ASSN.—Urania Belle Linn, Court-  
house, Franklin  
PENNSYLVANIA LIVESTOCK AUCTION ASSN., INC.—John Gingrich, New Holland  
PENNSYLVANIA MEAT PACKERS ASSN.—E. R. Haberset, Media  
PENNSYLVANIA MILLERS AND FEED DEALERS ASSN.—Donald W. Parke, 119 E.  
Main St., Ephrata  
PENNSYLVANIA PLANT FOOD EDUCATIONAL SOCIETY, INC.—Robert J. Thomas, 302  
Armsby Bldg., University Park  
PENNSYLVANIA POULTRY PROCESSORS ASSN.—E. J. Lawless, Jr., 4208B Sussex  
Dr., Colonial Park, Harrisburg  
PENNSYLVANIA RETAIL FARM AND INDUSTRIAL EQUIPMENT ASSN.—Robert F.  
Hartford, 2nd Ave. & White Horse Rd., Phoenixville

PENNSYLVANIA SECTION, AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS—Paul M. Anderson, 209 Agr. Engineering Bldg., University Park

PENNSYLVANIA SEEDSMEN'S ASSN.—Charles C. Abbott, 701 S. Front St., Philadelphia 47

PENNSYLVANIA STATE ASSN. OF COUNTY COMMISSIONERS—James A. Green, Court House, Butler

PENNSYLVANIA STATE ASSN. OF COUNTY FAIRS—Wm. Arthur Morris, 2924 N. 5th St. Highway, Reading

PENNSYLVANIA STATE ASSN. OF TOWNSHIP SUPERVISORS—Milton DeLancey, 1939 N. 2nd St., Harrisburg

PENNSYLVANIA STATE BANKERS ASSN., COMMITTEE ON AGRICULTURE—Belden L. Daniels, 23 N. Front St., Harrisburg

PENNSYLVANIA VETERINARY MEDICAL ASSN.—Dr. Palace H. Seitz, Box 403, Harrisburg

PENNSYLVANIA VOCATIONAL AGRICULTURE TEACHERS ASSN.—William C. Downs, Box 55, Hunkers RD 1

PITTSBURGH DISTRICT DAIRY COUNCIL—Walter J. Clouse, 217 N. Craig St., Pittsburgh 13

## COUNTY SOIL AND WATER CONSERVATION DISTRICT SECRETARIES

### County

ADAMS	W. Clayton Jester, RD 2, Biglerville
ALLEGHENY	Eugene Coyne, SCS Office, P.O. Bldg., Pittsburgh
ARMSTRONG	A. W. Wilson, RD 5, Kittanning
BEAVER	Glenn Dodds, Beaver Trust Co., Beaver
BEDFORD	Loren R. Brown, Professional Bldg., Bedford
BERKS	Mrs. Anna Kauffman, Leesport
BRADFORD	Edward H. Windle, Jr., P.O. Bldg., Towanda
BUCKS	Lester Crouse, RD 1, Riegelsville
BUTLER	W. H. McCune, Court House, Butler
CAMBRIA	Miss Margaret Brown, Court House, Ebensburg
CARBON	Leroy Faust, RD 1, Weatherly
CENTRE	Richard E. Luse, RD, Centre Hall
CHESTER	Robert G. Struble, 405 F&M Bldg., West Chester
CLARION	Robert A. Hartman, RD 1, New Bethlehem
CLEARFIELD	Homer Matt, RD 1, Mahaffey
CLINTON	Mrs. Phoebe Fox, 211 Henderson St., Lock Haven
COLUMBIA	Paul W. Shultz, RD 1, Bloomsburg
CRAWFORD	James Dunn, Committee Room, Court House, Meadville
CUMBERLAND	Donald Deckman, RD 2, Mechanicsburg
DAUPHIN	George Moore, 646 Center St., Millersburg
ELK	(To be appointed)
ERIE	Robert Harwood, RD 2, Wattsburg
FAYETTE	Mrs. Jacob Cover, RD 2, Smithfield
FRANKLIN	Dale L. Brindle, Courthouse, Chambersburg
FULTON	Fred Thomas, SCS Office, Washabaugh Bldg., McConnellsburg
GREENE	Arthur Biddle, RD 1, Carmichaels
HUNTINGDON	Donald C. Broadbent, RD, Alexandria
INDIANA	Robert H. Nehrig, RD 2, Homer City
JEFFERSON	George Miller, R.D. 1, Brockway
JUNIATA	John Kline, RD, Mifflintown
LACKAWANNA	Thomas Snyder, RD 1, Jermyn
LANCASTER	H. E. Givler, East Brook Rd., RD 1, Ronks
LAWRENCE	Arthur Wilson, RD 3, Volant
LEBANON	Mrs. Margaret B. Lux, RD 5, Lebanon
LEHIGH	John Grise, RD 2, Coopersburg

LUZERNE	Ernest S. Young, 347 E. Noble St., Nanticoke
LYCOMING	Joseph Sick, RD 1, Montoursville
McKEAN	Mrs. Kay Burford, 29 Center St., Smethport
MERCER	James R. Ellenberger, Box 3, Clark
MIFFLIN	Clyde W. Krepps, RD 1, McVeytown
MONROE	Raymond Allegre, RD 3, East Stroudsburg
MONTGOMERY	Paul Felton, 37 Crawford Rd., Audubon
MONTOUR	John Robb, RD 1, Turbotville
NORTHAMPTON	Richard A. Heil, Court House, Easton
NORTHUMBERLAND	Eugene Meckley, RD 1, Herndon
PERRY	John E. Johnson, RD 1, Landisburg
PIKE	Mrs. Sophie Ludwig, Box 191, Milford
POTTER	Henry W. Staiger, Coudersport
SCHUYLKILL	Byron A. Breisch, Ringtown
SNYDER	Albert B. Drumheller, RD, Middleburg
SOMERSET	Warren K. Hay, RD 6, Somerset
SULLIVAN	Carl D. Molyneux, RD 1, Forksville
SUSQUEHANNA	G. Max Noll, 2 Church St., Montrose
TIOGA	Mary Ellen Snyder, Court House, Wellsboro
UNION	Robert B. Holman, RD 1, Mifflinburg
VENANGO	Harry F. Fowler, Court House, Franklin
WARREN	J. R. Reddick, 100 Lansing St., North Warren
WASHINGTON	William Hutchinson, 335 Jefferson Ave., Washington
WAYNE	Lester Perry, Star Route, Seelyville
WESTMORELAND	Ford M. Frank, So. Huntingdon Twp. School, Ruffsdale
WYOMING	Raynold Wilson, Mehoopany
YORK	Thomas M. Malin, County Supt. of Schools Office, York

## AMERICAN BREED RECORD ASSOCIATIONS

(Names and Headquarters Addresses of Associations)

### HORSES

#### DRAFT BREEDS

AMERICAN CREAM DRAFT HORSE ASSOCIATION—Hubbard, Iowa  
 AMERICAN SHIRE HORSE ASSOCIATION—P.O. Box 132, Station A., Ames, Iowa  
 AMERICAN SUFFOLK ASSOCIATION—Clinton, N. J.  
 BELGIAN DRAFT HORSE CORP. OF AMERICA—P.O. Box 335, 282 S. Wabash St., Wabash, Ind.  
 CLYDESDALE BREEDERS' ASSOCIATION OF THE U.S.—Batavia, Iowa  
 PERCHERON HORSE ASSOCIATION OF AMERICA—Box 101, RD 1, Fair Oaks, Ind.  
 STANDARD JACK AND JENNY REGISTRY—c/o Sugarloaf Farm, Lexington RD 2, Ky.

#### LIGHT BREEDS

AMERICAN ALBINO HORSE CLUB—Naper, Neb.  
 AMERICAN HACKNEY HORSE SOCIETY—11 Park Place, New York 7, N. Y.  
 AMERICAN QUARTER HORSE ASSOCIATION—P.O. Box 271, Amarillo, Texas  
 AMERICAN SADDLE HORSE BREEDERS' ASSOCIATION—929 S. 4th St., Louisville 3, Ky.  
 AMERICAN SHETLAND PONY CLUB—Box 1250, Lafayette, Ind.  
 APPALOOSA HORSE CLUB—Box 640, Moscow, Idaho  
 THE ARABIAN HORSE CLUB REGISTRY OF AMERICA—120 S. LaSalle St., Chicago 3, Ill.  
 CLEVELAND BAY ASSOCIATION—A. Mackey Smith, White Post, Va.  
 THE JOCKEY CLUB—300 Park Ave., New York 22, N. Y.  
 THE MORGAN HORSE CLUB—P.O. Box 2157, Bishop's Corner Branch, West Hartford 17, Conn.

MOROCCO SPOTTED HORSE CO-OP. ASSN. OF AMERICA—Greenfield, Iowa  
PALOMINO HORSE ASSN.—22049 Devonshire St., Chatsworth, Calif.  
PALOMINO HORSE BREEDERS OF AMERICA, INC.—P.O. Box 249, Mineral Wells,  
Texas  
UNITED STATES TROTTING ASSOCIATION—750 Michigan Ave., Columbus, Ohio  
WALKING HORSE BREEDERS' ASSOCIATION OF AMERICA—P.O. Box 87, Lewisburg,  
Tenn.  
WELSH PONY AND COB SOCIETY OF AMERICA—Edwardsville, Va.

## BEEF AND DUAL-PURPOSE CATTLE

AMERICAN ANGUS ASSOCIATION—3201 Frederick Blvd., St. Joseph, Mo.  
AMERICAN BELTED GALLOWAY CATTLE BREEDERS' ASSN.—South Fork Station, West  
Plains, Mo.  
AMERICAN BRAHMAN BREEDERS' ASSOCIATION—4815 Gulf Freeway, Houston 23,  
Texas  
AMERICAN BRANGUS BREEDERS' ASSOCIATION—908 Livestock Exch. Bldg., Kansas  
City 2, Mo.  
AMERICAN CHIARBRAY BREEDERS' ASSN.—475 Texas Natl. Bank Bldg., Houston 2,  
Texas  
THE AMERICAN DEVON CATTLE CLUB—704 Suffield St., Agawam, Mass.  
AMERICAN GALLOWAY BREEDERS' ASSOCIATION—Box 1011, Denver, Colo.  
AMERICAN HEREFORD ASSOCIATION—Hereford Drive, Kansas City, Mo.  
AMERICAN INTERNATIONAL CHAROLAISE ASSN.—923 Lincoln Liberty Life Bldg.,  
Houston 2, Texas  
AMERICAN KERRY AND DEXTER CLUB—707 W. Water St., Decorah, Iowa  
AMERICAN MILKING SHORTHORN SOCIETY—909 Exchange Bldg., Omaha 7, Neb.  
AMERICAN POLLED HEREFORD BREEDERS' ASSOCIATION—4700 E. 63rd St., Trwy.,  
Kansas City, Mo.  
AMERICAN SCOTCH HIGHLAND BREEDERS' ASSOCIATION—Box 746, Edgemont, S. D.  
AMERICAN SHORTHORN BREEDERS' ASSOCIATION—Livestock Exch. Bldg., Omaha 7,  
Neb.  
RED ANGUS ASSOCIATION OF AMERICA—Box 827, Guthrie, Okla.  
RED POLLED CATTLE CLUB OF AMERICA—3275 Holdredge St., Lincoln 3, Neb.  
SANTA GERTRUDIS BREEDERS' ASSOCIATION—P.O. Box 1373, Kingsville, Texas

## SWINE

AMERICAN BERKSHIRE ASSOCIATION—601 W. Monroe St., Springfield, Ill.  
AMERICAN LANDRACE ASSOCIATION—Noblesville, Ind.  
AMERICAN YORKSHIRE CLUB—1001 South St., Lafayette, Ind.  
CHESTER WHITE SWINE RECORD ASSOCIATION—116 E. 8th St., Rochester, Ind.  
THE HAMPSHIRE SWINE REGISTRY—1111 Main St., Peoria, Ill.  
INBREED LIVESTOCK REGISTRY ASSN.—3956 Minnehaha Ave., Minneapolis 6, Minn.  
KY. RED BERKSHIRE SWINE RECORD ASSN.—303 Stanford St., Lancaster, Ky.  
NATIONAL HEREFORD HOG RECORD ASSOCIATION—Milo, Iowa  
OIC SWINE BREEDERS' ASSOCIATION—Greencastle, Ind.  
THE POLAND CHINA RECORD ASSOCIATION—501 E. Losey St., Galesburg, Ill.  
SPOTTED RECORD ASSOCIATION—Bainbridge, Ind.  
TAMWORTH SWINE ASSOCIATION—Evansville, Ind.  
UNITED DUROC RECORD ASSOCIATION—Duroc Bldg., 239 N. Monroe St., Peoria 3, Ill.  
WESSEX SADDLEBACK ASSOCIATION—4010 Clinton Ave., Des Moines 10, Iowa

## SHEEP

AMERICAN AND DELAINE MERINO RECORD ASSOCIATION—4000 Water St., Wheeling, W. Va.

AMERICAN CHEVIOT SOCIETY, INC.—5051 Flourtown Rd., Lafayette Hill, Penna.

AMERICAN CORRIE DALE ASSOCIATION—108 Parkhill Ave., Columbus, Mo.

AMERICAN COTSWALD RECORD ASSOCIATION—Sigel, Ill.

AMERICAN HAMPSHIRE SHEEP ASSOCIATION—Box 7, Stuart, Iowa

AMERICAN OXFORD DOWN RECORD ASSOCIATION—Eaton Rapids, Michigan

AMERICAN PANAMA REGISTRY ASSOCIATION—Rupert RD 2, Idaho

AMERICAN RAMBOUILLET SHEEP BREEDERS' ASSOCIATION—2709 Sherwood Way, San Angelo, Texas

AMERICAN ROMNEY BREEDERS' ASSOCIATION—212 Wittycombe Hall, Corvallis, Oregon

AMERICAN SHROPSHIRE REGISTRY ASSOCIATION—Box 678, Lafayette, Ind.

AMERICAN SOUTHDOWN BREEDERS' ASSOCIATION—212 South Allen St., State College, Penna.

AMERICAN SUFFOLK SHEEP SOCIETY—University of Idaho, Box 226, Moscow, Idaho

BLACK-TOP & NATL. DELAINE MERINO SHEEP ASSN.—23 W. Pitt St., Canonsburg, Penna.

BLACK-TOP DELAINE MERINO SHEEP BREEDERS' ASSN.—Howell RD 4, Mich.

COLUMBIA SHEEP BREEDERS' ASSOCIATION—P.O. Box 802, Fort Collins, Colo.

CONTINENTAL DORSET CLUB—Box 217, Hickory, Penna.

KARAKUL FUR SHEEP REGISTRY—Fabius, N. Y.

MONTADALE SHEEP BREEDERS' ASSOCIATION—61 Angelica St., St. Louis 7, Mo.

NATIONAL LINCOLN SHEEP BREEDERS' ASSOCIATION—West Milton RD 1, Ohio

NATIONAL SUFFOLK SHEEP ASSOCIATION—P.O. Box 324, Columbia, Mo.

NATL. TUNIS SHEEP REGISTRY—106 Liberty St., Bath, N. Y.

TEXAS DELAINE MERINO RECORD ASSOCIATION—Burnet RD 1, Texas

UNITED KARAKUL REGISTRY—408 E. Maple St., Glendale 8, Calif.

## DAIRY CATTLE

THE AMERICAN DAIRY CATTLE CLUB—Interlaken, N. Y.

THE AMERICAN GUERNSEY CATTLE CLUB—Peterborough, N. H.

THE AMERICAN JERSEY CATTLE CLUB—1521 E. Broad St., Columbus 5, Ohio

THE AYRSHIRE BREEDERS' ASSOCIATION—Brandon, Vt.

THE BROWN SWISS CATTLE BREEDERS' ASSN. OF AMERICA—Beloit, Wis.

THE DUTCH BELTED CATTLE ASSOCIATION OF AMERICA—Manteno, Ill.

THE HOLSTEIN-FRIESIAN ASSOCIATION OF AMERICA—Brattleboro, Vt.

HOLSTEIN-FRIESIAN ASSOCIATION OF CANADA—Brantford, Ontario

HOLSTEIN-FRIESIAN REGISTRY ASSOCIATION, INC.—201 State St., Harrisburg, Penna.

THE MILKING SHORTHORN SOCIETY—313 S. Glenstone Ave., Springfield 4, Mo.

## GOATS

AMERICAN ANGORA GOAT BREEDERS' ASSOCIATION—P.O. Box 195, Rocksprings, Texas

AMERICAN GOAT SOCIETY, INC.—7900 E. 66th St., Kansas City, Mo.

AMERICAN MILK GOAT RECORD ASSOCIATION—P.O. Box 68, Bostic, N. C.

## COUNTY AGRICULTURAL ORGANIZATIONS

### ADAMS COUNTY

<b>Organization</b>	<b>Name and Address of Secretary</b>
Adams County Fair, Inc. ....	Miss Mary E. Elder, Abbottstown
Adams County Farmers' Assn. ....	Calvin Bream, Gettysburg RD 3
Adams County Fruit Growers Assn. ....	Richard Slaybaugh, Biglerville RD 1
Adams County Holstein Breeders ....	Adam Lobaugh, Aspers RD 1
Adams County Poultry Federation ....	Carl Seifrit Box 162, Gettysburg
Adams Electric Cooperative, Inc. ....	John Kershaw, Gettysburg (Mgr)
Adams Farm Bureau Co-op. Assn. ....	Howard Schwartz, Littlestown RD 1
Cooperative Fruit Growers ....	Everett Weiser, York Springs RD 1
Farm Loan Assn. ....	Kenneth F. Miller, 146 York St., Gettysburg
Knouse Foods Co-op. ....	A. E. Rice, 135 West Broadway, Gettysburg
Society of Farm Women ....	Mrs. Richard Tostes, Gardners RD 1
South Mountain Fair Assn. ....	Wayne R. Criswell, Arendtsville

### ALLEGHENY COUNTY

Allegheny County Division, Women's National Farm and Garden ....	Mrs. H. O. Baldauf, 317 Goldsmith Rd., Pittsburgh—15237
Allegheny County Fair Assn. ....	Miss Betty Colosimo, 411 Courthouse, Pittsburgh—15219
Beekeepers' Assn. ....	Mrs. Wayne Horton, Box 522, California Ave., Turtle Creek—15145
City Farmers' Club ....	Knox Bassett, Dravo Bldg., 5th & Lib- erty Sts., Pittsburgh—15222
Fruit & Vegetable Growers' Assn. ....	Eugene H. Schramm, 7410 McKnight Rd., Pittsburgh—15237
Golf Course Superintendents Assn. of Western Pennsylvania ....	James Sinclair, Irwin
Men's Garden Club of Pittsburgh ....	S. H. Klinginsmith, Box 270 Saxonburg Bld., Pittsburgh—15215
Pittsburgh Dairy Goat Assn. ....	Mrs. Frank Guzell, Box 39A, Canonsburg RD 1
Pomona Grange ....	Mrs. R. J. Cooper, Gibsonia RD 1—15044
W. Pa. Flower Growers ....	Louis Helbling, c/o L. Hahn & Son, Babcock Blvd., Pittsburgh—15209
W. Pa. Nurserymen's Assn. ....	Frank Curto, Phipps Conservatory. Schenley Park, Pittsburgh—15213

### ARMSTRONG COUNTY

Agricultural Forum of Armstrong Coun- ty ....	Paul Snyder, Ferne Dr., Kittanning
Armstrong Co. Farmers Assn. ....	George Rumbaugh, Dayton
Armstrong County Holstein Club ....	John Filippini, Avonmore RD 1
Armstrong Farm Bureau Co-op. Assn. ....	Carl Williams, Jr., Ford City RD 2
Dayton Agr. & Mech. Assn. ....	Mrs. Shirley Huff, Dayton
Farm Loan Assn. ....	Leroy Miller, 310 Butler Co. Nat. Bank Bldg., Butler
Pomona Grange ....	Don McCullough, Karns City RD 2
Sheep & Wool Growers' Co-op. ....	Chalmer H. Gould, Kittanning RD 7

### BEAVER COUNTY

Beaver Co. Co-operative Assn. ....	A. T. Anderson, Box 66, Beaver
Farm Loan Assn. ....	LeRoy Miller, 804 Turnpike St., Beaver
Pomona Grange ....	Miss Mary Jordan, 401 Pleasant Dr., Aliquippa

**BEDFORD COUNTY****Organization****Name and Address of Secretary**

Bedford Co. Allied Milk Producers'	
Co-op. ....	Ralph N. Miller, New Paris
Bedford Co. Farmers Assn. ....	Ellis Sollenberger, Clearville RD 1
Bedford Co. Garden Club ....	Mrs. John R. Blackburn, Jr., Juliana Heights, Bedford
Bedford Farm Bureau Co-op. ....	Blair Dilbert, Everett RD 1
Bedford Holstein Club ....	Paul Showalter, Imler RD 1
Bedford Rural Electric Co-op., Inc. ....	Perry G. Wilson, Bedford (Mgr.)
Fair Association ....	Mrs. Richard Eichelberger, Bedford
Jersey Cattle Club ....	Robert Diehl, Manns Choice
New Enterprise Electric Co-op. ....	Lawrence Guyer, New Enterprise
Pomona Grange ....	Mrs. Mary Taylor, Schellsburg
So. Central Pa. Beef Producers' Assn. ....	John Harclerode, Bedford RD 2

**BERKS COUNTY**

Beekeepers' Assn. ....	Daniel E. Reed, Shoemakersville RD 1
Berks Co. Dairy Farmers' Assn. ....	Leroy Howard, Oley RD 1
Berks Co. Farm Bureau Co-op. Assn. ....	Paul Keeney, Rehrersburg
Berks Co. Farmers' Assn. ....	Ellis R. Kunkel, Kempton RD 2
Berks County Poultry Assn. ....	Mrs. Russell Latshaw, Star Rte., Barto
Berks Co. Swine Producers' Assn. ....	Wellington Hiester, Fleetwood RD 2
Berks Implement Dealers ....	Clyde Reinert, Berks Co. Trust Co. Reading
Berks-Lehigh Fruit Growers' Co-op. ....	John R. Mengel, Leesport
Christmas Tree Growers' Assn. ....	John Koch, Mohnton RD 1
Fair Association ....	Wm. Arthur Morris, 2924 N. 5th St., Reading
Farm Credit Assn. ....	John Younker, Jr., 226 N. 6th Street, Reading
Fruit Growers' Assn. ....	Aaron Ebling, Jr., Reading RD 2
Holstein Breeders' Assn. ....	John Riegel, Sinking Springs RD 1
Pomona Grange ....	Albert Bieber, Fleetwood RD 3
Society of Farm Women ....	Mrs. Fern Kulp, Boyertown RD 3
Wool Growers' Assn. ....	Luther Shucker, Fleetwood RD 2

**BLAIR COUNTY**

Blair County Beekeepers' Assn. ....	John Despot, Hollidaysburg RD 2
Blair County Farmers' Assn. ....	Donald Brumbaugh, Martinsburg RD
Blair Co. Holstein Breeders ....	David Hileman, Tyrone RD 1
Central Guernsey Breeders ....	Robert Smith, Bedford RD 2
Cove Farm Bureau Co-op. Assn. ....	W. H. Russell, Sr., Woodbury RD 1
Fruit Growers' Assn. ....	Wade Mattern, 300 Union St., Hollidaysburg
National Farm Loan Assn. ....	Robert L. Ackers, Hollidaysburg
Pomona Grange ....	Mrs. Margaret Reese, Tyrone RD
Sheep and Wool Growers' Assn. ....	Ross Burkett, Tyrone RD 1

**BRADFORD COUNTY**

Bradeo Egg Producers' Co-operative ...	Miss Florence Frawley, 211 Main St., Towanda
Bradford Co. Beekeepers Assn. ....	Robert Crimbring, Canton
Bradford Co. Farmers' Assn. ....	Walter Kolaga, Nichols RD 2, N. Y.
Claverack Electric Co-op., Inc. ....	J. L. Hubbard, Towanda (Mgr.)
Cooperative Holstein-Friesian Assn. ....	Leon Ballard, Troy RD 3
Co-op Sheep & Wool Growers' Assn. ....	A. E. Drake, Towanda RD 5
East Bradford Artificial Breeding Co-op. ....	U. M. Holmes, Wysox RD 1

### BRADFORD COUNTY—Continued

Organization	Name and Address of Secretary
Endless Mts. Maple Syrup Producers Assn. ....	Harold Rose, New Milford
Guernsey Breeders' Assn. ....	Mrs. Scott Jackson, Columbia Crossroads RD 2
Jersey Breeders' Assn. ....	Claude S. Gorham, LeRaysville
Pomona Grange ....	Mrs. O. L. Fish, Towanda RD 5
West. Bradford Artificial Breeding Co-op. ....	Merle Bacon, Towanday RD

### BUCKS COUNTY

Bucks County Farmers' Assn. ....	Mrs. Elliott Myers, Bird School Rd., Ottsville
Bucks Co. Poultry Assn. ....	Stephen Ferdo, 145 S. Shady Retreat Rd., Doylestown
Bucks-Montgomery Co-op. Wool Pool ..	Mrs. R. Moerman, Admin. Bldg., Doylestown
Delaware Valley Milk Goat Assn. ....	Mr. William T. Grace, Ivyland RD
Farm Loan Assn. ....	Herbert Kratz, Broad Street, Doylestown
Fruit Growers' Assn. ....	Lloyd Ott, Ottsville
Guernsey Breeders Assn. ....	Mrs. H. Eastburn, Smith, Box 253, New Hope RD 2
Holstein Assn. ....	Thomas VanSant, Doylestown RD 3
Jersey Cattle Club ....	Wesley Trumbauer, Hopwood Rd., Collegeville RD 2
Keystone Vegetable Growers' Co-op. ..	Bradford Snipes, Morrisville RD 1
Lower Bucks County Pomona Grange ..	Mrs. Ivin Smith, New Hope RD 2
Montgomery-Bucks Farm Bureau Co-operative Assn. ....	Allen Kriebel, North Wales
Philadelphia Vegetable Growers ..	Elmer Myers, 1745 Park Ave., Cornwells Heights
Producers Co-operative Assn. ....	Lester Brinker, Doylestown
Upper Bucks County Pomona Grange ..	Mrs. J. Wm. Andre, Riegelsville RD 1

### BUTLER COUNTY

Associated Milk Producers and Handlers .....	Dale Fleming, 234 Cecelia St., Butler
Butler Co. Farm Bureau Co-op. Assn. ..	Alvin Meyers, Box 172, Sarver RD 1
Butler Co. Farmers' Assn. ....	Donald Crummy, Valencia RD 2
Butler Co. Holstein Breeders' Assn. ....	David Wise, Harmony RD 1
Butler Fair Assn. ....	Dale Fleming, 234 Cecelia St., Butler
Butler Farm Show, Inc. ....	John Graham, Holyoke Road, Butler, RD 1
Butler Farmers' Market .....	Robert Hemmerlin, Portersville
Butler-Lawrence Co. Guernsey Breeders Assn. ....	James Trotter, Rochester RD 1
Country Belle Co-operative Farmers ....	Wendell Smith, Butler RD 4
Farm Loan Assn. and Butler Production Credit Assn. ....	LeeRoy Miller, 210 Mellon Bank Bldg., Butler
Northwestern Pa. Hereford Breeders Assn. ....	Rev. Fr. Anselm Orlosky, Holy Trinity Monastery, Butler RD 4
Pomona Grange .....	Mrs. Carl Bortmas, Butler RD 5
Potato Growers' Assn. ....	LeeRoy Miller, 210 Mellon Bank Bldg., Butler

## CAMBRIA COUNTY

Organization	Name and Address of Secretary
Cambria County Holstein Club .....	Theo. Mainhart, Portage RD
Cambria Farm Bureau Co-op. Assn. ....	E. J. Westrick, Carrolltown
Pomona Grange .....	Mrs. Carl Durbin, Patton RD
Society of Farm Women .....	Mrs. Walter Kohler, 108 Kohler St., Johnstown

## CAMERON COUNTY

(None)

## CARBON COUNTY

Carbon Co. Agricultural Assn. ....	Grant Bossard, 1001 Mahoning St., Lehighton
Cooperative Potato Growers' Assn. ....	Norman Strohl, Lehighton RD 3
Pomona Grange .....	Miss Carolyn Beck, Lehighton RD 1

## CENTRE COUNTY

Beekeepers' Assn. ....	Robert Barr, Port Matilda, RD
Central Pa. Livestock Co-op. ....	James Connor, Salona
Centre-Clearfield Co-op. Council .....	Wayne Keener, Bala Cynwyd
Centre Co. Agricultural Forum .....	Dean Tressler, Bellefonte RD 2
Centre County Farmers' Assn. ....	William Everhart, State College RD
Centre County Goat Assn. ....	Frank Glenn, Lemont
Centre Farm Bureau Co-op. Assn. ....	John A. Decker, Howard RD
Holstein Breeders' Assn. ....	Mrs. Gladys Rearick, Millheim
Pomona Grange .....	Mrs. Joseph H. Owens, 323 S. Main St., Pleasant Gap
Sheep and Wool Growers' Assn. ....	H. Malcolm Musser, Bellefonte RD 1

## CHESTER COUNTY

American Mushroom Institute .....	William Lane, West Winfield
Ayrshire Breeders' Assn. ....	Susan Young, Box 246, West Grove
Chester Co. Beekeepers' Assn. ....	John M. Wetherill, Box 150, Glen Mills RD 1
Chester Co. Farmers' Assn. ....	John F. Styer, Jr., Cochranville RD 2
Chester Co. Flower Growers' Assn. ....	Frank P. Walton, Kennett Square RD 1
Chester-Delaware Counties Fruit Growers Assn. ....	Robert H. Hodge, West Chester, RD 4
Chester-Delaware Co. Poultry Assn. ....	Harry W. Adams, Monacy Rd., Coatesville
Chester-Delaware Farm Bureau Cooperative Assn. ....	Gordon P. Jones, Avondale RD 1
Chester-Delaware Pomona Grange .....	Mrs. William Yarnall, 2403 Allendale Rd., Oak Lane Manor, Wilmington, Del. 19803
Farm Loan Assn. ....	Herbert E. Kratz, 305 Farmers' & Mechanics Bldg., West Chester
Guernsey Breeders' Assn. ....	Frank Le Patourel, West Grove RD 1
Holstein-Friesian Assn. ....	Earl L. Umble, Atglen RD 1
Jersey Cattle Club .....	Mildred Seeds, Downingtown RD 2
Middle Atlantic Carnation Growers ....	Irvin W. Allott, 159 N. Chester Rd., West Chester
Mushroom Growers' Co-op. Assn. of Lancaster, Pa. ....	Anthony Citino, Birch St., Kennett Sq.
Producers' Cooperative Exchange .....	H. Raymond Stoner, 1051 Eden Rd., Lancaster
Society of Farm Women .....	Mrs. Theodore Mathias, Oxford RD 3

## CLARION COUNTY

Organization	Name and Address of Secretary
Central Electric Co-op., Inc. ....	William McKinley, Parker (Mgr.)
Clarion Co. Farm Bureau Co-op. Assn. ....	Dale H. Rhoads, Emlenton RD 1
Clarion Co. Holstein Breeders' Assn. ....	Paul Kirkpatrick, New Bethlehem RD 1
Clarion Co. Poultry Assn. ....	Ernest Rhoads, Fairmount City RD 1
Farm Loan Assn. ....	Donald Rough, Mellon Bank, Butler
Guernsey Breeders' Assn. ....	J. P. Moggy, Sligo RD
Pomona Grange ....	Mrs. C. R. Wassum, Cullsville
Sheep and Wool Growers' Assn. ....	Mark Stahlman, Fairmount City RD 1

## CLEARFIELD COUNTY

Beekeepers' Assn. ....	George Lucas, Irvona
Clearfield County Agricultural Society ..	E. Clair Davis, 1008 Old Town Rd., Clearfield
Clearfield Co. Milk Producers Assn. ....	Elmer Lezzer, Curwensville
Clearfield County Poultry and Egg Producers Assn. ....	Albert C. Hayes, Luthersburg
Clearfield Electric Co-op., Inc. ....	J. Riley Fulmer, Jr., Clearfield (Mgr.)
Pomona Grange ....	Mrs. Dorothy Wall, Grampian

## CLINTON COUNTY

Clinton Co. Holstein Breeders' Assn. ..	Doyle Heltman, Mill Hall RD
Farm Loan Assn. ....	Hervey S. Dershem, Lewisburg
Pomona Grange ....	Mrs. Glenn Muthler, Beach Creek RD
Tobacco Growers' Assn. ....	Hans Fritz, Lock Haven

## COLUMBIA COUNTY

Berwick Vegetable Co-op. ....	Fred Wright, 515 Northampton St., Kingston
Columbia County Fair Assn. ....	Dan Kressler, Bloomsburg RD 1
Columbia Co. Farmers' Assn. ....	Hanley Gassert, Bloomsburg RD 3
Guernsey Breeders' Assn. ....	Glenn Seely, Bloomsburg RD 2
Luco Artificial Breeding Co-op. ....	Ario Everett, Berwick
Pomona Grange ....	Mrs. Ruth Culver, Shickshinny RD 1

## CRAWFORD COUNTY

Beekeepers' Assn. ....	Mrs. Ralph Spring, Meadville RD 1
Christmas Tree Growers' Assn. ....	Miss Genevieve Cotton, Meadville RD 4
Cochranton Co-operative Assn. ....	Russell W. Mook, Mgr., Cochranton
Crawford Co. Farmers' Assn. ....	Mrs. Ralph Hummer, Titusville RD 1
Farm Loan Assn. ....	Norman Rough, Masonic Bldg., Meadville
Holstein-Friesian Assn. ....	Marlowe Wilhelm, Centerville RD 2
Meadville Co-op. Assn. ....	Arthur Wykoff, 191 Mercer St., Meadville
Northwestern Rural Electric Co-op., Inc. ....	William Wenner, Cambridge Springs (Mgr.)
N. W. Penna. Wool Growers' Assn. ....	H. T. Miles, Titusville RD 3
Pomona Grange ....	Mrs. Donald J. Pier, Spartansburg RD 3

## CUMBERLAND COUNTY

Carlisle Fair Assn. ....	H. Eugene Sheely, 176 Glendale St., Carlisle
Carlisle Production Credit Assn. ....	Robert E. Stover, 145 S. Duke St., York
Cooperative Wool Growers' Assn. ....	George H. VanWagner, Dauphin RD 1

### CUMBERLAND COUNTY—Continued

Organization	Name and Address of Secretary
Cumberland County Farmers' Assn. ....	Donald Thrush, Shippensburg RD 1
Cumberland Farm Bureau Co-op. ....	Willard Fought, Mechanicsburg RD 2
Cumberland Valley Co-op. Assn. ....	Walter C. Nickles, Shippensburg
Farm Loan Assn. ....	Kenneth F. Miller, 145 S. Duke St., York
Guernsey Breeders Assn. ....	George Strock, Mechanicsburg RD 2
Holstein-Friesian Assn. ....	Creedin Cornman, Carlisle RD 6
Jersey Assn. ....	Meryl H. Sheaffer, Carlisle RD 4
Pomona Grange ....	Mrs. Lynn Frick, Carlisle RD 5
Shippensburg Fair Assn. ....	H. Glenn Smith, Box 202, Shippensburg
Society of Farm Women ....	Mrs. Clyde Strock, Mechanicsburg RD 2

### DAUPHIN COUNTY

Beekeepers' Assn. ....	John Howard, Hummelstown RD 1
Dauphin Co. Farmers' Assn. ....	Harry Ulrich, Harrisburg RD 3
Farm Loan Assn. ....	Carl Brown, 411 W. Roseville Rd., Lan-
Gratz Fair Assn. ....	Gilbert Koppenhaver, Gratz easter
Holstein Assn. ....	Paul Miller, Linglestown RD 1
Pomona Grange ....	Mrs. Gladys Whitaker, Halifax RD 2
Production Credit Assn. ....	Carl Brown, 411 W. Roseville Rd., Lan- easter
Society of Farm Women ....	Mrs. Robert Mills, Grantville RD 1

### DELAWARE COUNTY

Chester-Delaware Counties Fruit Grow- ers' Assn. ....	Robert H. Hodge, West Chester RD 4
Chester-Delaware Farm Bureau Co-oper- ative Assn. ....	Gordon P. Jones, Avondale RD 1
Chester-Delaware Pomona Grange ....	Mrs. William Yarnall, 2403 Allendale Rd., Oak Lane Manor, Wilmington, Del. 19803
Chester-Delaware Poultry Assn. ....	Harry W. Adams, Monacy Rd., Coates- ville
Delaware Co. Florists' Assn. ....	Robert D. Cole, Jr., 1116 McDade Blvd., Collingdale

### ELK COUNTY

Pomona Grange ....	Mrs. George Haupricht, Jr., Dills Settle- ment, Johnsonburg RD
Potato Growers' Assn. ....	E. E. Schmiedel, Ridgway, Star Rt.

### ERIE COUNTY

Erie Co. Fair Assn. ....	Harry Burrows, Wattsburg RD 2
Erie Co. Farmers' Assn. ....	Kenneth Gety, Lake City
Erie Co. Holstein Breeders' Assn. ....	Vere Woods, Edinboro RD 4
Erie Co. Horticultural Assn. ....	George Scieford, North East RD
Erie-Crawford Dairy Co-op. ....	John Barney, Waterford RD 2
Keystone Cooperative Grape Assn. ....	Harold Page, 18 Town St., North East
Northwestern Penna. Potato Growers ..	Seth Ballog, Union City RD 3
Pomona Grange ....	Clifford Haynes, Waterford RD 4
Union City Co-op. Assn. ....	Fred W. Bauer, 20 South St., Union City

### FAYETTE COUNTY

Farmers' Cooperative Dairy Assn. ....	Mrs. Ruth Ann Gordon, Dawson
Fayette Co. Agricultural Improvement Assn. ....	Wilbur Cook, Uniontown RD 4
Fayette Co. Council of Farm Co-opera- tives ....	Robt. C. Yocum, 98 E. Main St., Union- town

### FAYETTE COUNTY—Continued

Organization	Name and Address of Secretary
Fayette Co. Guernsey Breeders' Assn. ....	Wm. S. Jackson, New Salem RD 1
Fayette Co. Holstein Breeders' Assn. ....	W. B. Parshall, 9 Court St., Uniontown
Pomona Grange .....	Mrs. Ruth Ann Gordon, Dawson
Rural Resource Development Assn. ....	A. J. D'Antonio, E. Millsboro, RD 1
Wool Growers' Assn. ....	Jacob Cover, Smithfield

### FOREST COUNTY

Forest County Camp Assn. ....	Mrs. J. G. Handy, Pleasantville RD 1
-------------------------------	--------------------------------------

### FRANKLIN COUNTY

Farmers' Union Co-operative, Inc. ....	Preston D. Hykes, Greencastle RD 1
Franklin Co. Farm Credit Assn. ....	Joseph Barkdoll, Mont Alto
Franklin Co. Farmers' Assn. ....	Frank J. Dice, Chambersburg RD 4
Franklin Co. Guernsey Breeders' Assn. ....	Marion Benedict, Waynesboro RD 1
Franklin Co. Holstein Breeders' Assn. ....	John Ile, Jr., Newburg RD 1
Franklin Co. Horticultural Society ....	J. H. Knode, Chambersburg
Franklin Co. Poultry Assn. ....	Ronald Gayman, Chambersburg RD 3
Franklin Farm Bureau Co-op. Assn. ....	M. Dice Statler, Chambersburg RD 6
Sheep and Wool Growers' Assn. ....	Dale Coons, Dry Run
Society of Farm Women ....	Mrs. Merrill Bivens, St. Thomas RD 1

### FULTON COUNTY

Fulton County Fair Assn. ....	Mrs. Helen Mosebey, Wells Tannery
Fulton Co. Farmers' Assn. ....	James Gordon, McConnellsburg
Pomona Grange .....	Mrs. Walter Palmer, Warfordsburg
Society of Farm Women ....	Mrs. Thurman E. Nesbitt, McConnellsburg

### GREENE COUNTY

Farm Loan Assn. ....	Robert Morrison, 102 S. Main St., Washington
Greene County Free Fair ....	Charles Clark, Waynesburg
Greene County Purebred Livestock Breeders' Assn. ....	Mrs. Phyllis Lemley, Mt. Morris, Star Rte.
Greene Co. Sheep & Wool Growers' Assn. ....	Mrs. Charles L. Phillips, Waynesburg RD 5
Greene Farm Bureau Co-op. Assn. ....	Clarence P. Grimes, Waynesburg RD 1
Pomona Grange .....	Mrs. Harold Wilson, Waynesburg RD 2
Society of Farm Women ....	Mrs. Ralph VanDruff, Spraggs RD 1
Southwestern Pa. Livestock Co-op. Assn. ....	Mrs. Flora Haught Burge, Waynesburg
The Richhill Agricultural Assn. ....	Thomas M. Tharp, Wind Ridge

### HUNTINGDON COUNTY

Agricultural Fair Assn. ....	John McCracken, 1115 Mifflin St., Huntingdon
Huntingdon Co. Agr. Development Council ....	Chester Smith, Huntingdon RD 3
Huntingdon Co. Farmers' Assn. ....	Fred Huey, Allensville
Huntingdon Co. Holstein Breeders' Assn. ....	James Davis, Petersburg RD 1
Huntingdon Co. Poultry Assn. ....	George Knott, Alexandria RD
Pomona Grange .....	Mrs. Clara Jones, Alexandria
Society of Farm Women ....	Mrs. Elmer Harper, Shirleyburg RD
Valley Rural Electric Co-op., Inc. ....	J. H. Denton, Box 397, Denton (Mgr.)

### INDIANA COUNTY

Organization	Name and Address of Secretary
Fruit Growers Assn. ....	Homer Bennett, Barnesboro RD 2
Guernsey Cattle Club ....	Thomas Mikesell, Jr., Indiana RD 1
Holstein Assn. ....	Dav K. Nichol, Indiana RD 4
Indiana County Agricultural Society ....	J. Murray Buterbaugh, Box 347, Indiana
Indiana Co. Christmas Tree Growers Assn. ....	Regis A. McKnight, Indiana RD 1
Indiana Co. Farmers' Assn. ....	Mrs. Guy Stutzman, Indiana RD 2
Indiana Farm Bureau Co-op. Assn. ....	Wilbur Bell, Indiana RD 1
Indiana Marketing Co-operative ....	Richard Black, Marion Center RD 2
Jersey Cattle Club ....	Wallace Pollock, Marion Center RD 2
National Farm Loan Assn. ....	James K. McElhoes, Indiana
Pomona Grange ....	Mrs. Edna Casady, Smicksburg RD 1
Sheep and Wool Growers' Assn. ....	D. K. Nichol, Indiana RD 4
Society of Farm Women ....	Mrs. Raymond Cramer, Penn Run RD 1
Southwest Central Electric Co-op., Inc. ....	Sterling Orange, Indiana (Mgr.)

### JEFFERSON COUNTY

Farm Loan Assn. ....	James K. McElhoes, Indiana
Holstein Breeders' Assn. ....	Bob Fye, Punxsutawney RD 3
Jefferson Electric Co-op., Inc. ....	J. E. Nicholson, Brookville (Mgr.)
Jefferson Farm Bureau Co-op., Assn. ....	Rufus Himes, Brookville RD 3
Jersey Breeders' Assn. ....	James Shields, Summerville RD 1
Mahoning Farm Bureau Co-op., Assn. ....	Glenn Caylor, Ringgold
North Central Co-operative Beef Breeders' Assn. ....	Charles Mortimer, Munderf Star Rt., Brookville
Pomona Grange ....	Mrs. Henry McAninch, Reynoldsville RD 2

### JUNIATA COUNTY

Juniata County Agricultural Society (Port Royal Fair Assn.) ....	Dwight B. Hower, Sr., Port Royal
Juniata Co. Farmers' Assn. ....	Warren K. Zook, Mifflintown RD 1
Juniata Co. Holstein Club ....	Richard Crawford, Port Royal RD
Pomona Grange ....	Mrs. Pearl Woodward, Port Royal RD 2

### LACKAWANNA COUNTY

Co-op. Farmers' Night Market ....	Kenneth Seamans, Factoryville RD
Horticultural Assn. ....	Marvin Miller, Clarks Summit RD 1
Lackawanna Beekeepers' Assn. ....	Howard Griggs, Clarks Summit RD 2
Pomona Grange ....	Mrs. William Miller, Moscow RD 2

### LANCASTER COUNTY

Ayrshire Breeders' Assn. ....	Mrs. Lloyd G. Flory, Lititz RD 2
Farm Loan Assn. ....	Carl A. Brown, 411 W. Roseville Rd., Lancaster
Florists Assn. ....	Allen Bewley, Leacock
Fruit Growers' Assn. ....	Roy Erb, 118 Kreider Ave., Lancaster
Garden Spot Guernsey Breeders' Assn. ....	Paul Witmer, Willow Street RD 1
Holstein Breeders' Assn. ....	Donald S. Eby, Gordonville
Lancaster Co. Agricultural Council ....	Richard Hoover, 222 P.O. Bldg., Lancaster
Lancaster Co. Beekeepers' Assn. ....	Walter T. Becker, Mt. Joy RD 2
Lancaster Co. Farm Implement Dealers Assn. ....	Robert Heisey, c/o N. G. Hershey Co., Manheim

### **LANCASTER COUNTY—Continued**

<b>Organization</b>	<b>Name and Address of Secretary</b>
Lancaster Co. Farmers' Assn. ....	Donald E. Ney, Marietta RD 1
Lancaster Co. Production Credit Assn. ....	Carl A. Brown, 411 W. Roseville Rd., Lancaster
Lancaster Co. Swine Producers' Assn. ....	James Martin, East Earl RD 1
Lancaster Co. Tobacco Growers' Co-op. ....	Arthur Reist, 1050 Eden Rd., Lancaster
Lancaster Farm Bureau Co-op. Assn. ....	Robert M. Hood, P.O. Box 1197, Lancaster
Lancaster Livestock Exchange ....	Walter M. Dunlap, Jr., Union Stockyards, Lancaster
Lancaster Producers Livestock Co-op. ....	Harry E. Hershev, Mt. Joy RD 1
Mt. Joy Dairy Farmers' Co-op. ....	Henry H. Eby, Mt. Joy
Pomona Grange ....	Mrs. Elizabeth Eby, Kinzers RD 1
Poultry Assn. ....	Carl Harnish, Lancaster RD 6
Producers Co-op. Exchange ....	John H. Herr, Lancaster RD 7
Society of Farm Women ....	Mrs. Grayson M. Cooper, Peach Bottom RD 1
Tobacco Growers' Assn. ....	Marlin L. Cassel, Manheim RD 1
Wash. Boro Tomato Growers' Co-op. ....	Paul W. Eshelman, Rohrerstown

### **LAWRENCE COUNTY**

Cooperative Wool Growers', Inc. ....	Guy M. Fullerton, Enon Valley RD 2
Fruit Growers' Assn. ....	John Bovard, New Castle RD 4
Lawrence County Farmers' Assn. ....	Merle Clark, Enon Valley RD 1
Pomona Grange ....	Gertrude Chapin, New Castle RD 3

### **LEBANON COUNTY**

Farm Loan Assn. ....	Paul Whipple, 411 W. Roseville Rd., Lancaster
Holstein Breeders' Assn. ....	Clifford Groff, Lebanon RD 1
Lebanon County Beekeepers' Assn. ....	Robert Balsbaugh, Myerstown RD 2
Lebanon Co. Farmers' Assn. ....	Henry Bomberger, Fredericksburg RD 1
Lebanon Valley Co-op. Fruit Growers' Assn. ....	Ira Dutweiler, 36 N. 8th St., Lebanon
Lebanon Val. Farm Bureau Co-op. ....	Luke R. Grubb, Annville RD 1
Lebanon Valley Poultry Assn. ....	Miles Moyer, Fredericksburg RD 1
Pomona Grange ....	Mrs. Esther Boltz, Lebanon RD 3
Society of Farm Women ....	Mrs. Arthur S. Kreider, Lebanon RD 5

### **LEHIGH COUNTY**

Farm Loan Assn. ....	Russel Rupp, 1060 N. 7th St., Allentown
Lehigh County Agricultural Society ....	Philip Storch, 302 N. 17th St., Allentown
Lehigh Co. Farmers' Assn. ....	David Semmel, Slatington RD 1
Lehigh Co. Holstein Assn. ....	William Hamm, New Tripoli RD 1
Lehigh Co. Horticultural Assn. ....	Joe Wolf, Jr., Allentown RD 1
Lehigh Co. Potatoes Growers' Assn. ....	Warren Koenig, Germansville
Lehigh Farm Bureau Co-operative ....	Wm. Kistler, Jr., Kempton RD 1
Lehigh Valley Beekeepers' Assn. ....	Alfred Beswick, 261 E. Fairview St., Bethlehem
Lehigh Valley Co-operative Farmers ...	Charles Hoffman, 1026 North 7th St., Allentown
Lehigh Valley Egg Producers' Co-op. ....	Gerald Hunsicker, Mertztown RD 1
Pomona Grange ....	W. F. Masters, Breinigsville RD 1

### **LUZERNE COUNTY**

Beekeepers' Assn. ....	Ernest S. Young, 347 E. Noble St., Nanticoke
Berwick Vegetable Co-op. ....	Burton Hetherington, Spring Garden Ave. and Scanlon St., Berwick

### LUZERNE COUNTY—Continued

Organization	Name and Address of Secretary
Columbia-Lower Luzerne Pomona Grange	B. W. Derr, Jersey Town
Farmers Co-op. Dairy of W. Hazleton	Robert Astleford, Hazleton
Farmers' Night Market Assn.	Fred Wright, 1407 Wyoming Ave., Forty Fort
Horticultural Assn.	William Kisner, Berwick RD 1
Luco Artificial Breeding Co-op.	Ario Everett, Berwick
Luzerne County Co-op., Assn.	Harold Brace, Dallas RD 3
Luzerne Co. Farmers' Assn.	Stanley Zehner, Nescopeck RD 1
Sybertsiville Green Tomato Co-op.	Joseph Zielinski, Nescopeck, RD 1
Upper Luzerne-Southern Wyoming Pomona Grange	Lillian Hildebrandt, Dallas RD
Wyoming Valley Veg. Growers	Robert Price, 695 E. Main St., Nanticoke

### LYCOMING COUNTY

Farm Loan Assn.	Hervey S. Dershem, Lewisburg
Holstein-Friesian Breeders' Assn.	Sam Fry, Muncy RD 2
Hughesville Fair Assn.	Clarence F. Stoltz, 178 N. 2nd St., Hughesville
Lycoming Co. Farmers' Assn.	Paul Rice, Jersey Shore RD 2
Milk Producers' Assn.	Howell Waltz, Salladasburg RD 1
Pomona Grange	Mrs. Clyde Goldy, Williamsport RD 2
Production Credit Assn.	Edgar H. Schnure, Lewisburg

### McKEAN COUNTY

Kane Dairy Co-operative Assn.	Henry Yonkie, Kane RD
McKean Co. Holstein Assn.	Ray Dillenbeck, Turtlepoint
Pomona Grange	Mrs. Myrtle Peterson, Kane
Sheep and Wool Growers' Assn.	Bernard Vossler, Smethport

### MERCER COUNTY

Co-operative Wool Growers', Inc.	Q. R. Tait, Mercer RD 4
Farm Loan Assn.	Robert J. Adsit, Meadville
Fruit Growers' Assn.	W. R. Forrester, Mercer RD
Mercer Co. Farm Bureau Co-op. Assn.	Cooper Ivans, Mercer
Pennsylvania Farmers Assn.	Bill Beatty, Grove City RD 2
Pomona Grange	Mrs. Robert Steese, Grove City RD 1
Stoneboro Fair Assn.	C. W. Ebbs, Stoneboro

### MIFFLIN COUNTY

Horticultural and Agricultural Assn.	J. C. Thompson, 33 Grand Parkway, Lewistown
Mifflin County Farmers' Assn.	J. Reed Goss, Lewistown RD 3
Mifflin Co. Poultry Assn.	James R. Snyder, Lewistown RD 1
Twin Valley Farm Bureau Co-op.	William J. McNitt, Jr., Milroy
Union Production Credit Assn.	James Goodwin, Twin Valley Farm Bureau, W. 4th Street, Lewistown

### MONROE COUNTY

Milk Producers' Co-operative	Arlington Martin, Effort
Pomona Grange	Charles VanSeiver, Tannersville
West End Fair Assn.	Larry Krome, Gilbert

### MONTGOMERY COUNTY

Beekeepers' Assn.	Paul G. Haegele, Stump Rd., North Wales RD
Delaware Valley Milk Goat Assn.	William S. Geary, Hallowell Dr., Penns Park

### MONTGOMERY COUNTY—Continued

Organization	Name and Address of Secretary
Delaware Valley Turf Grass Assn. ....	Lyman Schemerhorn, Tyburn Rd., Morrisville
Farm Loan Assn. and Production Credit Assn. ....	Herbert Kratz, 2301 W. Main St., Norristown
Guernsey Club ....	Fred Seipt, Lansdale RD 1
Holstein Cattle Club ....	LeRoy Derstine, Lansdale RD 1
Montgomery-Bucks Farm Bureau Co-op. Assn. ....	Newton F. Moyer, Telford RD 1
Montgomery Co. Farmers' Assn. ....	Kathryn Boocock, Mench Rd., Skippack
Pennsylvania Landscape and Tree Assn. ....	James Tumelty, Jr., Ivyland
Pomona Grange ....	Miss Alma Miller, 1 East Brown St., Sanatoga
Tri-County Producers' Co-op. Assn. ....	Elmo Underkoffler, Center Point
Society of Farm Women ....	Mrs. John J. Nolan, 520 2nd Ave. Collegeville

### MONTOUR COUNTY

Montour-DeLong Fair Assn. ....	John Betz, Washingtonville
Pomona Grange ....	Leon Epler, Northumberland RD 1

### NORTHAMPTON COUNTY

Beekeepers' Assn. ....	Alfred Beswick, 261 E. Fairview St., Bethlehem
Cooperative Potato Growers ....	Robert Jones, Bath RD 1
Co-operative Wool Growers' Assn. ....	L. F. Nicholas, Bangor RD 2
Farm Bureau Cooperative Assn. ....	David Houck, Nazareth RD 3
Farm Loan Assn. ....	Russell W. Rupp, 1160 North 7th St., Allentown
Holstein Breeders' Assn. ....	Don Seipt, Easton RD 4
Lehigh Valley Co-operative Farmers ...	Charles Hoffman, 1160 North 7th St., Allentown
Lehigh Valley Egg Producers' Co-op. ....	Richard Fielbach, Bethlehem RD 1
Northampton Co. Farmers' Assn. ....	Floyd J. Lahr, Nazareth RD 2
Pomona Grange ....	W. F. Masters, Breinigsville RD

### NORTHUMBERLAND COUNTY

Farm Loan Assn. ....	Edgar Schnure, Lewisburg
Northumberland Area Guernsey Breeders' Assn. ....	C. Philip Molter, Danville RD 6
Northumberland Co. Farmers' Assn. ....	George W. Richard, Elysburg RD 1
Northumberland Co. Holstein Breeders' Assn. ....	Carl Swartz, Milton RD 2
Northumberland Co. Poultry Assn. ....	J. Clyde Foose, Potts Grove
Pomona Grange ....	Mrs. Oscar Drum, Sunbury RD 1
Sheep and Wool Growers' Assn. ....	Ira Geise, Northumberland RD 1

### PERRY COUNTY

Guernsey Breeders' Assn. ....	Helen Ebersole, Duncannon RD 1
Holstein Breeders' Assn. ....	Ray Kling, Loysville RD 1
Pennsylvania Farmers' Assn. ....	Kenneth Schreiber, Newport RD 1
Perry Farm Bureau Co-operative ....	John McKeehan, Blain
Pomona Grange ....	Walter T. Smith, Millerstown

### PHILADELPHIA COUNTY

Pennsylvania Horticultural Society ....	Estelle L. Sharp, Berwyn
Philadelphia Gardeners' Assn. ....	Robert Pennewell, Morris Arboretum, Philadelphia 18

### PHILADELPHIA COUNTY—Continued

Organization	Name and Address of Secretary
Phila. Golf Course Superintendents .....	Frank I. Shuman, 309 Oreland Mill Rd., Oreland
Philadelphia Rose Society .....	Elizabeth Klaus, 5506 N. 6th St., Philadelphia 20
Philadelphia Society for Promoting Agriculture .....	William H. White, 220 S. 16th Street, Philadelphia 2
Philadelphia Vegetable Growers' Cooperative Assn. ....	Elmer F. Myers, Trevose
Quaker City Farmers .....	John C. Goodchild, 112 N. Twelfth St., Philadelphia 7

### PIKE COUNTY

Delaware Valley Fair Assn. ....	Mrs. Cynthia Van Lierde, Milford
Monroe-Pike Pomona Grange .....	James Alborano, 102 Avenue "I", Mata- moras

### POTTER COUNTY

Allegheny Mountain Vegetable Growers' Cooperative .....	P. R. Smith, Ulysses
Farm Loan Assn. ....	E. R. Bostley, Coudersport
Farmers' Alliance & Industrial Union ..	Harold Higley, Shinglehouse
Holstein Breeders' Club .....	Everett Gooch, Coudersport RD
Pomona Grange .....	Mrs. Elsie Sarginger, Coudersport RD 4
Potter Co. Artificial Breeding Co-op. ....	Earl Highley, Shinglehouse
Potter-Tioga Maple Producers Assn. ....	Raymond Buck, Ulysses
Sheep and Wool Growers' Assn. ....	Miss Elizabeth Neff, Coudersport RD

### SCHUYLKILL COUNTY

Beekeepers' Assn. ....	Richard Malick, 307 N. Third St., Potts- ville
Farm Loan Assn. ....	Russell W. Rupp, Allentown
Mahantongo Valley Farm Bureau Co- operative Assn. ....	Earl J. Brown, Klingerstown
Pomona Grange .....	Mrs. Evelyn Heisler, Tamaqua RD 1
Schuylkill County Christmas Tree Grow- ers Assn. ....	Roger Tobias, Pine Grove RD 3
Schuylkill County Farmers' Assn. ....	Timothy Masser, Pitman RD 1
Schuylkill County Holstein Breeders' Assn. ....	Carl Heisler, Tamaqua RD 1
Schuylkill County Horticultural Assn. ....	Richard Maurer, Valley View
Schuylkill County Poultry Assn. ....	Ned Schrope, Hegins
Schuylkill Farm Bureau Co-op. Assn. ....	George Grube, Orwigsburg RD

### SNYDER COUNTY

Christmas Tree Growers' Association ..	Orrie Snook, Beaver Springs RD 1
Fruit Growers' Assn. ....	Floyd Graybill, Richfield
Holstein Breeders' Assn. ....	Richard Nerhood, Beavertown RD 1
Snyder Co. Farmers' Assn. ....	Calvin C. Fisher, Selinsgrove RD 1
Snyder Co. Poultry Assn. ....	Earl E. Shaffer, Richfield
Snyder-Southern Northumberland Po- mona Grange .....	Mrs. Randall Rearick, Beavertown RD 1

### SOMERSET COUNTY

Artificial Breeding Co-operative .....	George Marteeney, Somerset RD 6
Guernsey Breeders' Club .....	Earl Stutzman, Holopple RD 1

### SOMERSET COUNTY—Continued

Organization	Name and Address of Secretary
Holstein Breeders' Club .....	Glenn Platt, Somerset RD 4
Horse and Mule Assn. .....	Lewis Maust, Berlin RD 1
Pennsylvania Farmers' Assn. .....	Joseph M. Johns, Davidsville
Pomona Grange .....	Mrs. Dorothy Gindlesperger, Rockwood RD 1
Sheep and Wool Growers' Assn. .....	Louis Johnson, Stovestown RD 2
Society of Farm Women .....	Mrs. John Hartman, Meyersdale RD 2
Somerset Co. Horse & Saddle Assn. ....	Mary Ann James, W. Garrett St., Somer- set
Somerset Co. Maple Producers' Assn. ....	Jane Wable, Fort Hill RD 1
Somerset Farm Bureau Co-op. Assn. ....	Elmer W. Miller, Somerset RD 4
Somerset Rural Electric Co-op., Inc. ....	Douglas Smith, Somerset (Mgr.)

### SULLIVAN COUNTY

Agricultural Co-operative Assn. ....	Carl D. Molvneux, Forksville
Agricultural Society .....	Archie Norton, Forksville
Pomono Grange (Bradford-Sullivan) .....	Mrs. Ruth G. Fish, Towanda RD 5
Sulbra Artificial Breeding Co-op. ....	Ivan Waltman, New Albany
Sullivan Co. Holstein Club .....	William Frazier, Jr., Muney Valley RD
Sullivan Electric Co-op., Inc. ....	Wesley Thomas, Forksville (Mgr.)

### SUSQUEHANNA COUNTY

Co-operative Wool Growers' Assn. ....	R. L. Stockholm, Montrose
Farmers Alliance & Industrial Union ...	Mrs. Arthur Coy, Montrose
Harford Agricultural Society .....	Howard Benning, Kingsley
Holstein Breeders' Club .....	William Curley, Montrose RD 5
Montrose Artificial Breeding Co-op. ....	Bovd Strickland, Nicholson RD
Pomona Grange .....	Mary Green, Springville RD 2
Susquehanna Co. Farmers Assn. ....	Mrs. Lewis Brainard, Harford
Suswyanna Artificial Breeding Co-op. ....	Don Cooley, Nicholson RD 2

### TIOGA COUNTY

Dairymen's League Co-operative .....	Keith Ripley, Mansfield RD 3
Holstein Breeders' Club .....	William J. Smith, Mansfield RD 2 16933
Pomona Grange .....	Mrs. Wm. Sticklin, Wellsboro
Tioga Co. Artificial Breeding Co-op. ....	George B. Butler, Wellsboro
Tioga County Farmers Assn. ....	John C. Kilburn, Wellsboro RD 5
Tri-County Rural Electric Co-op., Inc. ....	Maurice Whitlock, Mansfield (Mgr.)
Wool Growers' Assn. ....	Keith Owlett, Middlebury Center

### UNION COUNTY

First Penna. Artificial Breeding Co-op. ....	Mrs. Anna E. Emigh, Lewisburg RD 1
Holstein Breeders Assn. ....	Ray Ard, Lewisburg RD 2
Production Credit Assn. ....	Edgar H. Schnure, Lewisburg
Union County Farmers' Assn. ....	Theodore Shuck, Mifflinburg RD 1
Union Farm Bureau Co-operative ....	Leon B. Epler, Northumberland RD 1
Union-Montour-Northumberland Pomo- na Grange .....	Leon Epler, Northumberland RD 1
Union-Snyder-Northumberland County Federal Land-Bank Assn. ....	Edgar Schnure, Lewisburg RD 2

### VENANGO COUNTY

Farm Loan Assn. ....	Norman Rough, Masonic Bldg., Mead- ville
Farmers' and Fruit Growers' Assn. ....	John Huff, Franklin RD 3
Pomona Grange .....	Fred Smith, Franklin RD 1
Venango Co. Beekeepers' Assn. ....	L. L. Burger, 1315 Chestnut St., Franklin

### VENANGO COUNTY—Continued

Organization	Name and Address of Secretary
Venango Co. Farmers' Assn. ....	Julius Woods, Polk RD 2
Venango Co. Wool Growers' Assn. ....	F. E. Smith, Kennerdell RD 2
Venango Farm Bureau Co-op. Assn. ....	F. C. Sterett, Kennerdell RD 2
Venango Poultry Assn. ....	Mrs. Fred Johnson, Van RD 1

### WARREN COUNTY

Guernsey Breeders' Assn. ....	John Nordin, Russell RD 1
Pomona Grange ....	Mrs. Myron Rapp, 113 McKinley Ave., Warren
Warren County Farmers' Assn. ....	Mrs. Ellsworth Hale, Sugar Grove RD 2
Warren County Holstein Club ....	Charles Dodd, Corry RD 2
Warren Electric Co-op., Inc. ....	M. D. Rhodes, Youngsville (Mgr.)

### WASHINGTON COUNTY

Arden Downs Poultry Club ....	Charles R. Sowers, Amity RD 1
Farm Bureau Co-operative Assn. ....	James A. McGugin, Hickory RD 1
Farm Loan Assn. ....	Robert Morrison, 102 S. Main St., Washington
Guernsey Breeders' Assn. ....	Louis Baker, Box 7, Beallsville
Jersey Breeders' Assn. ....	Thos. J. Siler, Eighty Four RD 1
National Farmers Union, Washington Chapter ....	Edward Karpa, Avella RD 1
Pomona Grange ....	Mrs. Catherine Stritzinger, Burgettstown RD 2
Poultry Assn. ....	Charles Graham, 470 McCiane Farms Rd., Washington
Society of Farm Women ....	Mrs. Arthur Black, Finleyville RD 2
S. W. Penna. Holstein Club ....	John Gaut, Scottsdale
Washington Co. Co-operative Wool Growers Assn. ....	J. R. Henderson, Hickory RD 1
Washington County Fair Assn. ....	R. C. Provost, 509 Central Ave., Washington
Washington County Farmers Assn. ....	Hugo Vettorel, Washington RD 2
Washington Co. Holstein Club ....	Robert A. Kelso, McDonald RD 3
Washington Co. Livestock Breeders' Assn. ....	Wm. Johnston, Canonsburg RD 1

### WAYNE COUNTY

Dist. 6, Pa.-Jersey Cattle Club ....	Fred Baker, Meshoppen
Pomona Grange ....	Mrs. J. William Gager, Calicoon, N. Y., RD 2
Wayne Co. Artificial Breeding Co-op. ....	Frank Bezek, Waymart RD 1
Wayne Co. Dairymens League ....	Mrs. Grant Teeple, Equinunk
Wayne County Farmers' Assn. ....	John Mazzga, Hawley RD 1
Wayne Co. Holstein Club ....	Thelma Brown, Lake Ariel
Wool Growers' Assn. ....	H. G. Burleigh, Pleasant Mount

### WESTMORELAND COUNTY

Beekeepers' Assn. ....	Mrs. Nelia Jackson, Mt. Pleasant RD 1
County Flower Growers' Assn. ....	Stanley Zidel, 1554 Mission Rd., Latrobe
Farmers' Picnic Assn. ....	Joseph Kim, 735 Penna. Ave., Irwin
Guernsey Breeders' Club ....	Robert Mayhew, Belle Vernon RD 4
Holstein-Friesian Club ....	Paul Fox, New Stanton RD 1
Pomona Grange ....	Mrs. Catherine Hull, Mt. Pleasant RD 1
Westland Co-operative Farmers ....	Robert Momyer, Smithton RD 1
Westmoreland Co. Farmers' Assn. ....	Mrs. Philip Long, New Stanton RD 1
Westmoreland Co. Poultry Assn. ....	Earl Koring, 2480 Skidmore Rd., Greensburg
Westmoreland Farm Bureau Co-operative Assn. ....	Levi Silvis, Greensburg RD 5

## WYOMING COUNTY

Organization	Name and Address of Secretary
Pomona Grange .....	Mrs. Anna Place, Penna. Ave., Tunkhannock
Producers' Co-operative Assn. ....	James Kintner, Meshoppen RD
Society of Farm Women .....	Rosalie Vaskas, Meshoppen RD 1
Tunkhannock Artificial Breeding Co-operative .....	John B. Henning, Tunkhannock
Wyoming Co. Farmers' Assn. ....	Clifford Sands, Tunkhannock RD 5
Wyoming County Holstein Club .....	Arthur L. Morrison, Laceystown RD 2

## YORK COUNTY

Farm Loan Assn. ....	Kenneth Miller, 145 S. Duke St., York
Pomona Grange .....	Clayton S. Moul, 1025 Broadway, Hanover
Society of Farm Women .....	Mrs. Everitt Herbst, Red Lion RD 3
York County Beekeepers' Assn. ....	Wm. S. Blasdell, 2305 Middle St., York
York County Fair Assn. ....	Katherine O. Morgart, York
York Co. Farmers' Assn. ....	L. C. Wambaugh, Delta RD 2
York County Fruit Growers' Assn. ....	Harry E. Kauffman, York RD 9
York Co. Guernsey Breeders' Assn. ....	George Rohrbaugh, New Freedom RD 2
York Co. Holstein Breeders' Assn. ....	Roger J. Perry, York RD 8
York Co. Lamb Producers' Assn. ....	Mrs. Kenneth Wire, Dover RD 2
York Co. Milk Producers' Assn. ....	Harry L. Arnold, Hellam RD 2
York Co. Potato Growers' Co-op. ....	C. Robert Miller, Felton RD 2
York Co. Poultry Assn. ....	G. I. Schuller, Jr., Seven Valleys RD 1
York Co. Swine Improvement Assn. ....	C. F. Thompson, Spring Grove
York Farm Bureau Co-op. Assn. ....	Jay W. Dusman, Hanover RD 2

# **Agricultural Magazines and Trade Journals Published in Pennsylvania**

Berks-Lehigh Farmer, Kutztown  
Bucks-Mont Farmer & Courier, P. O. Box 693, Norristown  
Dairymen's Price Reporter, 451 Century Bldg., Pittsburgh  
Everybody's Poultry Magazine, Hanover  
Farm and Home News, 85 Mitchell Ave., Binghamton, N. Y.  
Farm Bureau Mirror, P. O. Box 2323, Harrisburg  
Farm Journal, Washington Square, Philadelphia  
Food Trade News, Liberty Trust Bldg., Philadelphia  
Inter-State Milk Producers' Review, 401 N. Broad St., Philadelphia  
Keystone Farmer, Court House, Coudersport  
Lancaster Farming, P. O. Box 1524, Lancaster  
Lancaster Livestock Reporter, Union Stockyards, Lancaster  
Pennsylvania Farmer, 2436 N. 2nd St., Harrisburg  
Pennsylvania Grange News, 1604 N. 2nd St., Harrisburg  
Pennsylvania Grocer, 3701 N. Broad St., Philadelphia  
Pennsylvania Packer, 25 N. Duke St., York  
The Voice, Pa. Farmers' Assn., 2612 Yale Ave., Camp Hill  
Tri-State Food News, P. O. Box 450, McKeesport

# Pennsylvania History, Topography, Climate

Pennsylvania, one of the thirteen original states, was settled by William Penn at Upland (now called Chester) in 1682. The grant of the territory west of the Delaware River was made to Penn by the King of England in settlement of a debt of \$80,000 due the estate of Penn's father for services rendered as an Admiral in the English Navy. The English secured this territory from the Dutch in 1664.

The State originally consisted of three counties: Philadelphia, Chester and Bucks. The number was increased by dividing these counties from time to time until the number reached 67. The last county was Lackawanna in 1878.

The State is rectangular in shape and about 302 miles long by 176 wide. It contains 45,215 square miles, or 28,828,000 acres of land area, and is thirty-third in size among the states. It is not quite as large as New York but a little larger than Virginia, and is more than twice as large as New Jersey. Delaware and Maryland put together.

## TOPOGRAPHY

Pennsylvania, as is the case in most Atlantic States, has comparatively level lands in the east and is more mountainous in the central and western sections. The elevation of the land varies from less than one hundred feet above sea level in the southeastern part of the State to approximately three thousand feet at the summit of some of the ridges in the Allegheny Mountains.

The Piedmont province, one of three topographic provinces crossing the State, takes in all the land southeast of South Mountain. The second is the Ridge and Valley province in the central section of the State. It is largely mountainous on the west. The topography consists of many long ridges of 1,000 and 1,500 feet high, separating many beautiful and fertile valleys. The largest valleys are the Nittany and the Kishacoquillas. The Allegheny Mountain and Plateau province lies to the west and north of the Ridge and Valley province and covers about two-thirds of the entire area of Pennsylvania. The streams and the valleys of this western section wind in all directions, and the surface is a maze of hills and valleys, quite high in the eastern part of the province but becoming gently rolling in the west.

## CLIMATE

Pennsylvania is in that part of the United States having comparatively heavy rainfall. It is heaviest over most of the State during the spring and summer months, just when it will do most good for the growing of crops. The State is in the zone of prevailing westerly winds. Throughout most of the State the wind blows chiefly from the northwest in winter and from the southwest during the summer, except when disturbed by storms. Annual precipitation averages 42 inches.

## AGRICULTURAL OPPORTUNITIES

Agribusiness—agriculture and its allied enterprises—is Pennsylvania's major industry. Its importance is emphasized by the fact that approximately 43 per cent of the wage earners in Pennsylvania now derive all or part of their income from Agribusiness.

Agriculture, as the keystone of Pennsylvania's Agribusiness, today supplies unexcelled farm products to the nation's major commodity markets, many of them less than 75 miles away. Economists predict an even more important role for the state's farmland in the future. They foresee Pennsylvania as the bread-basket of the "Eastern Megalopolis," a crescent-shaped area from Boston to Norfolk that is expected to become one vast community with population in the multi-millions.

## USEFUL FARM BULLETINS

Available Free Publications of the Pennsylvania Department of Agriculture

Address requests for copies to:

### Pennsylvania Department of Agriculture Harrisburg, Pennsylvania

No.	Title	
558	Pennsylvania Weeds	CRS-26 Pennsylvania's Poultry Statistics, 1909-1963
698	Seed Analysis Report, 1963	Pennsylvania's Land Resources Inventory
700	Directory of Information, 1964	Available after June 1, 1964
	Annual Report of Activities	CRS-27 Pennsylvania Crops and Livestock Report, 1963
	Man Is The Steward, The Story of Pennsylvania's Soil Conservation Districts	CRS-28 Farm Machinery Custom Rates
CRS-19	Vegetable Statistics, 1918-1961	CRS-29 Fruit Tree Survey, 1964
CRS-22	Pennsylvania Christmas Tree Survey, 1962	
CRS-23	Pennsylvania Horticultural Specialties	

## MOTION PICTURES

Pennsylvania Department of Agriculture  
Harrisburg, Pennsylvania

**“Beyond Tomorrow”**—(Color; released 1962; 16mm, sound; 25 minutes)  
Designed to inform both city dwellers and rural residents about the accomplishments of Pennsylvania's soil and water conservation districts.

**“A Plan for Penn's Land”**—(Color; released 1963; 16mm, sound; 14 minutes)  
Describes the importance of conservation principles and soil survey information to both farm and urban needs, and points how this type of information can be adapted to non-farm needs.

*Copies scheduled without charge by the State Soil and Water Conservation Commission, Pennsylvania Department of Agriculture, Harrisburg, or local conservation districts.*

**“Silent Servants”**—(Color; released 1963; 16mm, sound; 13½ minutes)  
An account of the work of the Pennsylvania Department of Agriculture, with particular reference to the quality control programs of the Bureaus of Plant Industry, Animal Industry, Foods and Chemistry, and Markets.

**“Plenty of Pennsylvania”**—(B/W; released 1964; 16mm, sound; 25 minutes)  
A comprehensive coverage of the 1964 Pennsylvania Farm Show depicting the history, growth and present day importance of Pennsylvania's showcase of agriculture.

*Copies scheduled without charge by the Market Development Division, Pennsylvania Department of Agriculture, Harrisburg.*

**“Pennsylvania Potatoes”**—(Color; released 1961; 16mm, sound; 10 minutes)  
The story of potato production and marketing in Pennsylvania, geared especially to the urban dweller or those who have little knowledge of agriculture.

*Copies scheduled without charge by Public Information Division, Pennsylvania Department of Agriculture, Harrisburg.*

**Available Free Publications of the Pennsylvania State University College of Agriculture—Experiment Station and Extension Service**

**Address requests for copies to:**

**Agricultural Mailing Room  
Old Dairy Barn  
The Pennsylvania State University  
University Park, Pennsylvania**

**B** refers to bulletins of the Agricultural Experiment Station; **Sp** to Special Circular; **C** to Circulars; **L** to Leaflets of the Agricultural Extension Service; and **PR** to Progress Reports of the Agricultural Experiment Station.

**AGRICULTURAL ECONOMICS  
AND RURAL SOCIOLOGY**

<b>B-417</b>	Poorly-housed rural families of two Pennsylvania townships	<b>B-625</b>	Specifications and cost for processing operations in small market milk plants
<b>B-499</b>	Cost of keeping a bull	<b>B-627</b>	Analysis of grassland farming in northeastern Pennsylvania
<b>B-521</b>	Farmers receiving old age assistance in Pennsylvania	<b>B-639</b>	Improving methods of packing apples in consumer packs
<b>B-534</b>	Family housing on owner-operated farms in Pennsylvania	<b>B-641</b>	Effects of bulk milk assembly on handling costs, farm to plant
<b>B-544</b>	Milk marketing by producer distributors	<b>B-642</b>	An economic appraisal of use of idle land in Potter County, Pennsylvania for crops, pasture and forest
<b>B-545P</b>	Planning for profitable grassland on dairy farms in central Pennsylvania	<b>B-643</b>	Decision making in the use of family financial resources in a rural Pennsylvania community
<b>B-549</b>	Survey and account methods of estimating costs of milk production	<b>B-655</b>	Certain practices, satisfactions and difficulties in families with employed homemakers
<b>B-556</b>	Factors associated with the success of Pennsylvania Granges	<b>B-656</b>	Basic appeals in consumer acceptance of milk
<b>B-561</b>	Marketing of eggs in retail stores of Pennsylvania	<b>B-659</b>	Merchandising for profit in retail flower shops
<b>B-566</b>	Use of rooms in farm houses	<b>B-669</b>	Estimates of supplemental water needed by forage crops in Pennsylvania
<b>B-571</b>	Economics of locations in grading and cartoning eggs	<b>B-674</b>	An economic and engineering appraisal of mechanical dairy barn gutter cleaners
<b>B-574</b>	Elements associated with activity and inactivity in rural organizations	<b>B-680</b>	Interrelations among demands for farm products and implications for control of market supplies
<b>B-577</b>	Some personal, economic and social factors influencing dairy-men's actions and success	<b>B-684</b>	Food habits and national backgrounds
<b>B-582</b>	Factors related to changes in social participation in a rural Pennsylvania community	<b>B-686</b>	Educational attainment among Pennsylvania rural youth
<b>B-583</b>	Grassland in organization of dairy farms in northeastern Pennsylvania	<b>B-687</b>	Dairy farm labor input data obtained by mail questionnaire and by field interview . . . a comparison
<b>B-588</b>	Stimulating corrective action following school health examination	<b>B-690</b>	Economics of fertilization and use of idle land on selected Northeastern Pennsylvania dairy farms
<b>B-589</b>	Family factors influencing corrective action following school health examinations	<b>B-691</b>	Differences among improved farm practices as related to rates of adoption
<b>B-591</b>	Factors associated with preferences for household equipment and furniture by 351 families	<b>B-692</b>	Farm family income in North Central Pennsylvania
<b>B-601</b>	Selectivity of membership and participation in rural organizations	<b>B-693</b>	Farm production trends in Pennsylvania to 1960
<b>B-602</b>	Sampling to determine grades of eggs	<b>B-697</b>	Economics of central evaporator in maple syrup production
<b>B-621</b>	An economic appraisal of idle land in Potter County, North Central Pennsylvania	<b>B-700</b>	A method of developing maximum-profit feeding programs
<b>B-622</b>	Improving fluid milk distribution practices through economic-engineering techniques		

**B-708** Social and psychological factors associated with the acceptance of new food products  
**C-433** Have you made your will?  
**C-465** Group accomplishment—discuss it  
**C-504** What does it cost to start farming?  
**L-199** Can farmers make good use of credit?  
**L-231** What should my insurance cover?  
**L-238** Gutter cleaners pay  
**L-256** Seasonal changes in hog prices  
**L-257** Will this building be a good investment?  
**L-260** Tips for leading discussion  
**Sp C-11** The pocketbook for recreation leaders  
**Sp C-16** The pocketbook of games  
**Sp C-19** The pocketbook of folk games and square dances  
**Sp C-44** The chairman's job and how to do it  
**Sp C-50** Observing Rural Life Sunday

## AGRICULTURAL ENGINEERING

**B-626** An electric-eye controlled sprayer for application of insecticides to livestock  
**B-699** Bin and wagon drying of shelled corn  
**B-701** A testing machine for determination of mechanical and rheological properties of agricultural products  
**C-259** Plow adjustment  
**C-373** Adequate farm wiring  
**C-382** Planning for an automatic water system  
**C-413** Tile drainage for Pennsylvania farms  
**C-460** Farm ponds for Pennsylvania  
**C-489** Making high quality hay  
**L-202** Which is the better hay conditioner—smooth roll or crimping roll?  
**L-204** Forage harvesters—low-cost or conventional  
**Sp C-33** Planned irrigation pays  
**Sp C-38** Tools for pasture renovation  
**Sp C-45** Make your water supply safe  
**Sp C-53** Selecting and installing dairy stable ventilation  
**Sp C-59** Home sewage disposal—the septic tank system  
**Sp C-65** Batch hay drying with heated air  
**Sp C-66** Barn hay drying  
**Sp C-67** Water purification—methods, equipment, techniques

## BEEF CATTLE, HORSES, SHEEP AND SWINE

**B-615** The nutritive evaluation of forages  
**C-239** Farm dressed pork  
**C-480** Managing your beef breeding herd  
**C-520** Pennsylvania livestock markets  
**L-184** Swine feeding recommendations  
**L-216** Handling newly purchased feeder cattle  
**L-218** Feeding cattle for market  
**L-236** The ewe and you  
**L-241** Internal parasites of sheep  
**L-244** Successful feeder-pig production

**L-245** Management tips for beef cattle in dry lots  
**L-246** Facilities for growing and finishing swine  
**L-247** Buying and feeding feeder-pigs  
**L-252** How to clean farrowing houses  
**L-258** Sheep housing recommendations  
**Sp C-22** Preparing wool for market

## DAIRYING

**B-581** Bovine Mastitis, II  
**B-592** Seasonal distribution and production of forage from orchard grass-ladino and bluegrass pastures  
**B-634** Growth responses to protein level and complexity of calf starters  
**C-468** Testing milk and milk products  
**C-495** Commercial ice cream and other frozen desserts  
**C-507** Breeding for dairy herd improvement  
**Sp C-32** Sample grain mixtures for dairy cattle  
**Sp C-60** Raising veal calves  
**L-224** Do your cows produce a calf a year?  
**L-229** Heat detection and time of service are important  
**L-230** Breeding efficiency in your herd  
**L-235** How much rest do cows need after calving  
**L-242** Dairy breeding records your guide to efficiency  
**L-250** Inheritance of breeding efficiency

## FARM CROPS, SOILS, FERTILIZERS

**B-487** The soils of Fulton County, Pennsylvania  
**B-518** Fertilizer experiments on grass lands of the northeastern region  
**B-526** Influence of heredity on carotene and protein contents of corn  
**B-533** Trends and variations in yields from Jordan fertility plots  
**B-542** Urea-formaldehyde and other nitrogenous fertilizers for use on turf  
**B-554** Management of grasslands in the northeastern states  
**B-560** Correlation of plant tissues of corn deficiency symptoms and soil analysis on the Jordan fertility plots  
**B-568** Forage production of grass and legumes in northwestern Pennsylvania  
**B-586** Soil structure studies with synthetic conditioners  
**B-613** 75th Anniversary of the Jordan fertility plots  
**B-624** Survey of ten nutritive elements in Pennsylvania forage crops  
**B-653** Forage climates in the northeast  
**B-666** Soybean varieties for forage and grain in Pennsylvania  
**B-679** Some aspects of corn ecology  
**B-682** Cutting and grazing management for sudangrass and pearl millet  
**B-688** Nitrogen fertilization of perennial grasses

B-689	Effects of shading and plant competition on seedling growth and nodulation in birdsfoot trefoil
B-694	Sod subjugation with herbicides for pasture renovation
B-698	Potato fertilization in Pennsylvania
B-704	A regional approach to breeding and testing of sweet corn in the Northeast
B-706	Factors affecting the farmer's choice and use of seed
C-349	Potato diseases and their control
C-378	100 questions and answers on liming land
C-492	Control turf and lawn diseases
C-506	Producing disease-free seedlings and transplants
L-106	Save your potatoes from ringrot
L-158	Band seeding makes the difference
L-180	Control late blight on potatoes
L-196	Treat seed grain for more profit
L-213	40 questions and answers on manure
L-249	Fertilizer by the gallon—13 questions and answers
L-261	Growing cover crops

### FORESTRY AND WILDLIFE

B-547	Accuracy of forest growth determination based on the measurement of increment cores
B-595	Strength and elastic properties of two species laminated wood beams
B-620	Management of a poletimber forest for wildlife food and cover
B-635	Evaluating mast yields in the oaks
B-663	Trout stocking as an aid to fish management
C-310	Making maple syrup
C-448	The distribution and prevention of oak wilt
L-102	Using home-grown timber on the farm
L-179	Mind your hunting manners

### FRUIT GROWING

B-493	Effects of certain cultural treatments on orchard soil and water losses and on apple tree growth
B-495	Soil factors influencing grape production on well-drained lake terrace areas
B-503	Orchard sprayer performance
B-557	Soil management in a young Montmorency sour cherry orchard
B-563	Inheritance of fruit shape
B-585	Rejuvenation of an old apple orchard by means of fertilizers, mulches, and cover crops
B-616	Cultivation and Concord grape production
B-617	The use of stop-drop sprays to promote the red color of apples
B-648	Age of vine and Concord grape production
B-649	Growth and fruiting of various apple varieties in response to several clonal rootstocks
B-652	Effects of certain sprays on growth and yield of Concord grapes
B-661	Periodicity in growth of fruits of apples, peaches and sour cherries with some factors influencing this development

B-683	Leaf composition and performance of sour cherry trees as influenced by fertilizer and soil management
C-503	Plant parasitic nematodes—their control
C-342	Protecting Pennsylvania orchards against mice, deer, and rabbits
C-350	Peach culture
C-380	Growing tree fruits for home use
C-403	Cherry production
C-436	Prevention of fire blight on pears and apples
C-508	Disease problems in the home orchard
C-509	Strawberry growing in Pennsylvania
C-512	Strawberry diseases
C-513	Grape diseases
C-519	Basic apple orchard management in Pennsylvania
L-143	Sprays for home garden fruits
L-178	Raspberries in Pennsylvania

### HOME ECONOMICS

B-614	Effects of thawing and refreezing on the quality of certain frozen foods
B-678	Family activity patterns basic to farm house planning
B-685	Values expressed and realized in family financial plans
B-695	Adolescents—their interests, aspirations, and models
C-348	Pennsylvania Dutch cookery
C-351	Ways with children
C-366	Make your sewing machine work for you
C-385	A stitch in time saves nine
C-388	Buying smooth surface floor coverings
C-390	How to repair innerspring cushions
C-453	Canning poultry and meat
C-455	Foundation garments for women
C-463	Pickles and relishes—quick and easy
C-464	Preparing food for your freezer
C-467	Helping your baby grow
C-473	Canning fruits and vegetables
C-481	Small electric cooking appliances—to buy or not to buy
C-483	Children and discipline
C-484	Today's house care
C-493	Planning - preparing - serving community meals
C-501	Mending men's suits
C-505	Best weights for your lifetime
Sp C-18	Make a dress for Sara
Sp C-30	Reupholstering chairs
Sp C-35	Buying your range
Sp C-36	Fashions for your windows
Sp C-51	Italian foods
Sp C-58	Choosing accessories for the home
Sp C-61	Spot and stain removal
Sp C-62	Repairing chair seats with cane
Sp C-63	One easy way to iron a shirt
Sp C-68	Braided rugs
L-175	Maple syrup is special
L-181	You are what you eat
L-201	Pastry to please
L-203	Meal planning saves time and money
L-205	Steak, the choice cut
L-206	Roasts unlimited
L-215	Variety meats
L-220	Danish festive meals
L-221	Get up and go with a good breakfast

L-223	How many persons is a home-maker
L-233	Food tips for teens
L-234	Fruit—a treasure chest of health
L-237	Sparkle with milk
L-239	What you eat today could make a difference
L-243	Salads
L-251	New twists to serving vegetables

### TOBACCO

B-422	Bacterial leafspots of Pennsylvania tobacco
B-513	Seedleaf tobacco strains in Pennsylvania
L-71	Disease-resistant cigar tobacco for Pennsylvania
B-702	Tobacco curing

### POULTRY

B-486	Response of turkeys to artificial illumination
B-590	A statistical evaluation of the effects of various storage and processing factors on the quality of frozen poultry
B-608	Seven years of managed turkey grazing
B-660	Effect of date of hatch on growth and market quality of white holland turkeys
B-668	Influence of low-protein pelleted feed on turkeys on pasture
C-306	A brooder house for 250 to 350 chicks
C-316	Producing capons in Pennsylvania
C-358	Poultry houses for Pennsylvania
C-361	Hatching egg production in Pennsylvania
C-456	Turkey raising
C-486	Poultry diseases—description and treatment
C-498	Producing quality eggs
C-499	Pole housing for poultry
L-253	Protect poultry from external parasites and flies
L-255	Using poultry manure
Sp C-49	Low cost poultry housing in Pennsylvania

### VEGETABLE GROWING

B-508	The symphilid or garden centipede and other Pennsylvania greenhouse soil pests
B-596	Cutworms of Pennsylvania
B-704	A regional approach to breeding and testing of sweet corn in the Northeast
C-417	Prevent vegetable diseases
C-459	Growing good vegetable plants
C-469	The home vegetable garden
C-471	Prevent vegetable diseases in your home garden
C-474	Vegetable crops—soil management and fertilization
C-476	Insects attacking vegetables and their control
C-477	Growing tomatoes in the home garden
C-511	Garden soil management
L-84	Storing vegetables
L-98	Summer care of the vegetable garden

L-147	Picking quality tomatoes for processing
L-207	Asparagus tips
L-208	The vine crops
L-214	Control of pea and bean weevils in the field and in storage
L-254	Control of tomato diseases

### MISCELLANEOUS

B-550	Light traps for insect collection, survey and control
B-565	Some factors affecting the quality of frozen foods
B-580	Some factors affecting the quality of frozen foods II
B-637	Factors influencing homeowners use of ornamental nursery products
B-667	Some common edible and poisonous mushrooms
B-707	Food preferences of captive meadow mice
C-347	Diseases and insects of the flower garden and their control
C-395	Greenhouse insects and their control
C-423	Diseases of commercial florist crops
C-427	Insect pests of deciduous shade trees and their control
C-470	Diseases of bees and their control
C-472	Pennsylvania beekeeping
C-485	How to propagate house plants
C-488	Your holiday plants
C-491	Growing better house plants
C-497	Growing gladioli in the home garden
C-500	Growing garden chrysanthemums
C-502	Diseases of ornamental shrubs and vines
C-518	Crops
L-190	You, water, and watersheds
L-191	Controlling insect pests on pines
L-192	Controlling insect pests on spruce and yew
L-193	Controlling insect pests on fir, hemlock and juniper
L-194	Controlling insect pests on larch and arborvitae
L-195	Controlling insect pests on laurel and rhododendron
L-210	Controlling insect pests on boxwood, euonymus and holly
L-217	Control those grubs in your lawn
L-222	Woodboring insects mistaken for termites
L-225	Controlling termites in buildings
L-226	Planting and maintaining evergreens
L-232	Pruning shrubs and trees
L-240	Planting trees on your home grounds
L-248	Rat control
L-259	Fly control on cattle and in buildings
Sp C-46	Identification and control of poison ivy
Sp C-57	Tree diseases—description and control
Sp C-64	Some shade and flowering trees for Pennsylvania landscapes
	Some deciduous shrubs for Pennsylvania landscapes
	Correspondence Course Bulletin—gives information on 81 agricultural and homemaking courses

## ANNUAL REPORTS OF THE EXPERIMENT STATION

B-696 Year ended June 30, 1962  
B-704 Year ended June 30, 1963

## PROGRESS REPORTS OF THE EXPERIMENT STATION

### Agricultural Economics and Rural Sociology

P R-128 Effects of 1954 acreage restrictions on crop production in southeastern Pennsylvania  
P R-129 Formal participation patterns in a central Pennsylvania community  
P R-145 A community program to increase egg consumption  
P R-148 Some aspects of financial planning among rural families in a Central Pennsylvania community  
P R-167 Long-run effects of a better breakfast program  
P R-169 Characteristics of farmers supplying competing milk markets  
P R-170 An economic appraisal of green chop feeding  
P R-176 Effects of point of sale information on egg sales  
P R-179 The farmer's livestock goes to market  
P R-185 Characteristics and practices of market milk plants in Pennsylvania  
P R-201 Marketing methods for fowl in four Pennsylvania counties  
P R-204 The story of adolescents and milk  
P R-207 Simplified least-cost feed formulation procedure  
P R-212 Time, travel, and construction costs of loose and stanchion types of dairy barns  
P R-221 Changes in productivity in milk distribution in two Pennsylvania markets  
P R-226 Consumer's use of stewing chicken  
P R-237 Large Pennsylvania dairy farms  
P R-244 Promotion and marketing characteristics of egg-producing farms in Pennsylvania  
P R-249 Gallon jug milk sales on Pennsylvania dairy farms  
P R-251 Heating degree days for selected locations in Pennsylvania

### Agricultural Engineering

P R-107 An electric work center for the vocational agriculture shop  
P R-164 A continuous flow automatic feed grinder and mixer  
P R-172 A grain - conveyor - distributor that eases bin loading and aids drying  
P R-250 Mechanized, tumbled storage of hay bales

### Agronomy

P R-47 Cold testing of corn  
P R-105 Performance of varieties of grass and legume species in Pennsylvania in 1952

P R-192 Pennsylvania corn performance studies, 1957  
P R-196 Functional characteristics of some inbred lines of corn  
P R-206 1958 Pennsylvania corn performance studies  
P R-220 1959 Pennsylvania corn performance studies  
P R-224 Performance of supplemental summer forage crops in Pennsylvania, 1957, 1959  
P R-227 Redoat winter wheat for Pennsylvania  
P R-229 Pennsylvania commercial hybrid corn tests, 1960  
P R-233 1960 Pennsylvania corn performance studies  
P R-235 Pa. 825, a long season corn hybrid for Pennsylvania  
P R-236 1961 Pennsylvania commercial hybrid corn tests

### Dairying

P R-199 Amounts of straw required for bedding cows in loose and conventional housing  
P R-202 Influence of roughage quality on growth of young Holstein calves  
P R-222 Low-level feeding of aureomycin to lactating cows

### Farm Crops, Soils, Fertilizers

P R-133 Effect of elarion extract in the physical and chemical characteristics of the soil  
P R-196 Functional characteristics of some inbred lines of corn  
P R-240 Accuracy of seed corn grading and planter plate recommendations  
P R-241 1961 Pennsylvania corn performance studies  
P R-243 Fertilizer experiments with summer annual forage crops  
P R-245 1962 Pennsylvania commercial hybrid corn tests  
P R-247 Pennrad—a new winter barley  
P R-248 1962 Pennsylvania corn performance studies

### Forestry and Wildlife

P R-123 Comparative durability of posts from trees grown in Pennsylvania woodlands  
P R-188 Effects of chemical brush control upon game food and cover  
P R-198 Douglas fir varietal tests for Christmas tree plantations in Pennsylvania  
P R-239 Relation of soil moisture and solution absorption of red oak stumps and development of oak wilt

### Fruit Growing

P R-120 Chemical thinning of apples  
P R-193 Varietal influences on quality of apple sauce blends  
P R-195 Responses of cultivated elderberry varieties  
P R-223 Chemical weed control in the peach nursery

## Poultry

- P R-108 Social factors in sexual behavior of turkeys
- P R-140 Confinement rearing of pullets in Penn State experimental house
- P R-162 The Penn State solar poultry house
- P R-174 Yolk color and candled grade of eggs
- P R-232 Development and performance of the roll-a-way nest cushion
- P R-238 Selection of poultry breeders on sire family performance

## Tobacco

- P R-246 Factors influencing seedling establishment of grasses with and without alfalfa in tobacco rotations
- C-510 Control turfgrass diseases
- C-514 Your road to better meetings
- C-515 Planning your flower show
- C-517 Diseases of commercial florist

\* Soil maps and reports are available for about one-third of the counties in Pennsylvania. Requests should specify county.

"Science for the Farmer," a quarterly publication reporting subjects in all three divisions of the College of Agriculture—resident instruction, extension, research—is available to those requesting to be placed on the mailing list.

## Vegetable Growing

- P R-205 Effect of aluminum mulch on vegetable crop yields
- P R-215 Celery blackheart and its control in Pennsylvania
- P R-242 1962 vegetable variety trials
- P R-252 1963 vegetable variety trials

## \*Soil Survey Maps

- P R-118 Soil Survey of Juniata County
- P R-130 Soil Survey of Perry County
- P R-153 Soil Survey of Cumberland County

## Miscellaneous

- P R-171 The child's viewpoint on breakfast
- P R-186 Honey candies
- P R-210 Space requirements for household cleaning
- P R-218 Some effects of adjusting high temperatures on growth of greenhouse roses
- P R-225 An improved solar beeswax extractor
- P R-251 Heating degree days in selected locations in Pennsylvania

**Popular Publications Available Free from the United States Department of Agriculture, Washington, D. C. 20250**

**Address requests for copies to:**

**Office of Information  
U. S. Department of Agriculture  
Washington, D. C. 20250**

**NOTE:** Print name and address plainly. List in numerical order by series, **including the letter preceding each number.** Not more than 10 publications will be sent free at one time. If more are desired they may be purchased from the Superintendent of Documents, Government Printing Office, Washington D. C. 20402. Prices will be quoted by that office on request.

**BUILDINGS**

**AB-144** Preventing storm wind damage to farm buildings  
**AH-38** First aid for flooded homes and farms  
**G-14** A step-saving U kitchen  
**G-18** Easy-to-build kitchen cabinets for the remodeled farmhouse  
**G-52** Wood siding: How to install it, paint it, care for it  
**G-64** Subterranean termites . . . their prevention and control in buildings  
**G-73** Wood decay in houses: how to prevent and control it  
**L-56** Preventing cracks in new wood floors  
**L-320** Two-temperature walk-in refrigerator for the farm  
**L-358** Powder-post beetles in buildings . . . what to do about them  
**L-375** Fire departments for rural communities  
**L-463** Beltsville energy-saving kitchen . . . design No. 2  
**F-2104** Protecting log cabins, rustic work, and unseasoned wood from injurious insects in Eastern U. S.  
**F-2136** Lightning protection for the farm  
**F-2173** Farm fences  
**M-810** Farm silos

**CANNING—FREEZING—STORING**

**G-6** Home canning of meat  
**G-10** Home freezing of fruits and vegetables  
**G-30** Pressure canners—use and care  
**G-40** Freezing combination main dishes  
**G-48** Home freezers—their selection and use  
**G-56** How to make jellies, jams and preserves at home  
**G-69** Home care of purchased frozen foods  
**G-70** Home freezing of poultry  
**G-93** Freezing meat and fish in the home  
**F-2125** Making and preserving apple cider

**COOKING**

**G-1** Family fare . . . food management and recipes  
**G-8** Home canning of fruits and vegetables  
**G-27** Meat for thrifty meals  
**G-28** Root vegetables in everyday meals  
**G-35** Ways to cook rabbit  
**G-36** Peanut and peanut butter recipes  
**G-37** Honey . . . some ways to use it  
**G-41** Green vegetables for good eating  
**G-43** Money-saving main dishes  
**G-45** Turkey on the table the year-round  
**G-50** Cooking with dried eggs  
**G-55** Potatoes in popular ways  
**L-278** Tomatoes on your table  
**L-312** Apples in appealing ways  
**L-326** Dry beans, peas, lentils . . . modern cookery  
**L-408** Facts about pasteurization of milk  
**F-2075** An American-type cheese . . . how to make it for home use

**DAIRYING AND DAIRY CATTLE**

**F-1422** Udder diseases of dairy cows  
**F-1443** Dairy cattle breeds  
**F-2111** Judging and scoring milk  
**F-2132** Improving your dairy herd  
**F-2153** Feeding dairy cattle

**ELECTRICAL EQUIPMENT AND PRACTICES**

**L-377** Lights for more winter eggs  
**L-436** Electric water pumps on the farm  
**L-445** Electric heating of hotbeds  
**L-480** Standby electric power equipment for the farm

**FARM MANAGEMENT**

**L-307** How much fertilizer shall I use?  
**L-335** Farming terraced land  
**L-347** Keep your tile drains working

**L-432** Where and how to get a farm: some questions and answers  
**L-491** Baekground on our Nation's agriculture  
**F-1045** Laying out fields for tractor plowing  
**F-1961** Getting started in farming  
**F-2049** Preservative treatment of fence posts and farm timber  
**F-2101** Watch your step . . . avoid farm accidents  
**F-2107** Defense against radioactive fall-out on the farm  
**F-2110** Hospitals for rural people  
**F-2130** Rope on the farm  
**F-2135** What young farm families should know about credit  
**F-2136** Lightning protection for the farm  
**F-2137** Insurance facts for farmers  
**F-2142** Library service for rural people  
**F-2150** Safeguard your farm against fire  
**F-2156** Safe use and storage of flammable liquids and gases on the farm  
**F-2179** Father-son agreements for operating farms

### FORAGE CROPS (Diseases, Insects, Marketing)

**L-514** The meadow spittlebug  
**F-1740** Vetch culture and uses  
**F-2113** Annual lespedezas . . . culture and use

### FORESTRY (Diseases, Insects, Marketing)

**L-244** Community forests for rural people  
**F-2090** Logging farm wood crops  
**F-2158** Chemical control of brush and trees  
**M-766** Look to your timber, America

### FRUITS (Diseases, Insects, Marketing)

**L-172** Why fruit trees fail to bear  
**L-183** Cankerworms  
**L-187** Blight of pears, apples, quinces  
**L-227** Home fruit garden in the Northeastern and North Central States  
**L-274** Control of apple tree borers  
**L-406** Apple bitter rot  
**L-407** Dwarf fruit trees: Selection and care  
**L-414** Reducing virus and nematode damage to strawberry plants  
**L-508** Bridge grafting and inarching damaged fruit trees  
**F-1028** Strawberry culture: Eastern United States  
**F-1560** Preparing strawberries for market  
**F-1897** Establishing and managing young apple orchards  
**F-2140** Strawberry diseases  
**F-2160** Growing blackberries  
**F-2165** Growing raspberries  
**F-2184** Strawberry insects . . . how to control them  
**MB-9** Preparing peaches for market

### GRAINS (Diseases, Insects, Marketing)

**L-370** The seed-corn maggot on beans, how to control it  
**L-416** Barberry eradication in stem rust control—wheat, oats, barley, rye  
**L-425** The rolled-towel seed tester for corn  
**L-426** Seab of cereals and how to control it  
**L-435** Intersowing legumes in corn  
**L-478** Growing grain sorghums  
**F-1260** Stored grain pests  
**F-1607** The nematode disease of wheat and rye  
**F-1798** Control of common white grubs in cereal and forage crops  
**F-1976** Handling and storing soft corn on the farm  
**F-2071** You can store grain safely on the farm  
**F-2092** Bacterial wilt and Stewarts leaf blight of corn  
**F-2095** Buckwheat culture  
**F-2115** Culture and varieties of spring-sown oats  
**F-2129** Growing soybeans  
**F-2143** Irrigating corn in humid regions  
**F-2145** Growing rye  
**F-2190** The European corn borer, how to control it

### HOME MANAGEMENT

**G-49** Detergents for home laundering  
**G-58** Shopper's guide to U.S. grades for food  
**G-62** Removing stains from fabrics, home methods  
**G-68** How to prevent and remove mildew—home methods  
**G-78** Storing perishable foods in the home  
**G-94** Family food budgeting for good meals and good nutrition  
**L-442** How to buy eggs by USDA grades and weight classes  
**MB-1** How to buy poultry by USDA grades  
**MB-12** Know your butter grades  
**MB-13** Tips on selecting fruits and vegetables  
**MB-15** U. S. grades for beef  
**L-424** Start a good day  
 Food for fitness . . . a daily food guide

### INSECTS

(See also under crop or animal attacked)

**G-24** Clothes moths and carpet beetles  
**G-28** Ants in the home and garden: how to control them  
**G-53** Lawn insects: How to control them  
**G-61** Lawn diseases: how to control them  
**G-67** Insects and related pests of house plants . . . how to control them  
**G-84** Controlling mosquitoes in your home and on your premises

L-324 Soil treatment an aid in termite control  
 L-340 The periodical cicada (17-year locust)  
 L-364 Chinch bugs  
 L-390 The housefly  
 L-392 Fleas  
 L-403 Chiggers  
 L-412 Silverfish and firebrats  
 L-430 Cockroaches  
 L-443 Clover mites, how to control them around the home  
 L-458 How to control bedbugs  
 F-2074 American foulbrood of honey bees . . . how to control it  
 F-2151 The Japanese beetle . . . how we fight it

## LIVESTOCK AND SMALL ANIMALS

### (Diseases, Insects, Marketing)

L-250 Hamster raising  
 L-381 Infrared lamps—their use in brooding pigs  
 L-388 Horn flies on cattle  
 L-395 Automatic livestock waterers  
 L-420 Blackleg of cattle  
 L-429 The meat-type hog  
 L-437 Anaplasmosis in cattle  
 L-438 Demodectic mange in cattle  
 L-441 Cattle warts  
 L-447 Hyperkeratosis of cattle  
 L-457 Scrapple of sheep  
 L-466 Raising guinea pigs  
 L-472 Mr. Livestock Producer . . . It pays to use chemicals safely  
 L-483 Raising rats and mice for laboratory use  
 F-1263 Breeds of swine  
 F-1334 Home tanning of leather and small fur skins  
 F-1736 Anthrax  
 F-1779 Beef cattle breeds for beef and for beef and milk  
 F-2088 Infectious anemia (swamp fever)  
 F-2126 The farm beef herd  
 F-2127 Light horses  
 F-2138 Slaughtering, cutting and processing pork on the farm  
 F-2141 Beef cattle: dehorning, castration, branding and marking  
 F-2152 Lamb and mutton on the farm . . . slaughtering, cutting and processing  
 MB-10 Preparing wool for market how to increase profits  
 MB-16 How do your hogs grade?

## MACHINERY AND OTHER EQUIPMENT

G-63 Hand sprayers and dusters  
 F-2062 How to spray the aircraft way  
 F-2128 Hose pump for applying fertilizer solutions  
 L-427 Planning farm machinery replacements

## NUTRITION

GS-1 Nutrition up-to-date, up to you  
 G-5 Food for the family with young children

G-13 Food for families with school children  
 G-17 Food guide for older folks  
 G-57 Getting enough milk  
 G-72 Nutritive value of foods  
 G-74 Food and your weight  
 G-85 Food for the young couple  
 G-90 Conserving the nutritive value in foods  
 L-268 Eat a good breakfast . . . to

## ORNAMENTAL PLANTS

### (Diseases, Insects)

G-51 Better lawns  
 G-65 Growing chrysanthemums in the home garden  
 G-66 Growing iris in the home garden  
 G-71 Growing azaleas and rhododendrons  
 G-80 Home propagation of ornamental trees and shrubs  
 G-81 Maple diseases and their control, a guide for homeowners  
 G-82 Selecting and growing house plants  
 G-86 Growing camellias  
 G-88 Growing the flowering dogwood  
 G-91 Growing flowering annuals  
 L-183 Cankerworms  
 L-184 The elm-leaf beetle  
 L-185 Elm bark beetles  
 L-439 Spring-flowering bulbs  
 F-1855 Culture, diseases, and pests of the box tree  
 F-2114 Lupines . . . culture and use

## POULTRY

### (Diseases, Insects, Marketing)

L-397 Brooding chicks with infrared lamps  
 L-402 Intestinal coccidiosis of chickens  
 L-404 Blackhead of turkeys and chickens  
 L-415 Tapeworms of poultry  
 L-434 Frostproofing water systems in poultry houses  
 L-451 Newcastle disease in poultry, how to control it  
 L-465 Culling hens  
 L-497 The home chicken flock  
 F-684 Squab raising  
 M-728 Houses and equipment for laying hens—for loose housing on litter  
 MB-7 Farm poultry . . . processing and marketing

## SEWING

G-11 Flitting coats and suits  
 G-20 How to tailor a woman's suit  
 G-39 Mending men's suits  
 G-59 Simplified clothing construction  
 L-251 Child's self-help overall  
 F-1944 Sewing machines, cleaning and adjusting  
 F-1964 Fitting dresses  
 F-1968 Pattern alteration

## SOIL AND WATER CONSERVATION

L-249 What is a conservation farm plan?  
L-282 Know your watersheds  
L-335 Farming terraced land  
L-371 Land leveling for irrigation  
L-374 The multiflora rose for feneses and wildlife  
L-452 Replenishing underground water supplies  
L-458 Autumn olive for wildlife and other conservation uses  
L-476 Sprinkler irrigation  
F-2035 Making land produce useful wildlife  
F-2046 Farm drainage  
F-2094 Managing farm fish ponds for bass and bluegills  
F-2124 Liming soils  
F-2154 Trout in farm and ranch ponds  
M-759 Windbreaks in conservation farming  
AB-174 Sediment is your problem: wasted soil and water  
AB-175 More wildlife through soil and water conservation  
AB-223 Grass makes its own food for growth, for forage, for good land use, for soil conservation  
PA-400 Soil conservation tips for sportsmen

## TOBACCO

F-2159 Irrigating tobacco

## VEGETABLE, HERB AND TRUCK GARDENING

### (Diseases, Insects, Marketing)

G-7 Growing vegetables in town and city  
G-9 Suburban and farm vegetable gardens  
G-44 Cabbage insects: how to control them in the home garden  
L-129 Production and preparation of horseradish  
L-136 Production of parsley  
L-142 Production of turnips and rutabagas  
L-351 Growing eggplant  
L-353 Commercial growing of carrots  
L-360 Growing table beets  
L-361 Golden nematode of potatoes and tomatoes  
L-367 Tomato fruitworm  
L-410 Root crop production for livestock  
L-411 The corn earworm in sweet corn  
L-448 Growing watercress  
F-1059 Sweet potato diseases  
F-1646 Asparagus culture  
F-1743 Hotbeds and coldframes  
F-1875 Mushroom growing  
F-1957 Cauliflower and broccoli varieties and culture  
F-2048 Controlling nematodes in the home garden  
F-2148 Aphids on leafy vegetables . . . how to control them

## WEEDS

G-79 Controlling lawn weeds with herbicides  
F-2117 Dodder and its control

The following detailed soil survey maps are offered for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402

Soil Survey—Clarion County, Pennsylvania—Series 1955, No. 1 \$2.50

Soil Survey—Erie County, Pennsylvania—Series 1957, No. 9 \$3.75

Soil Survey—Potter County, Pennsylvania—Series 1953, No. 2 \$3.75

Soil Survey—Carbon County Pennsylvania—Series 1959, No. 14 \$2.00

